

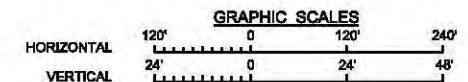
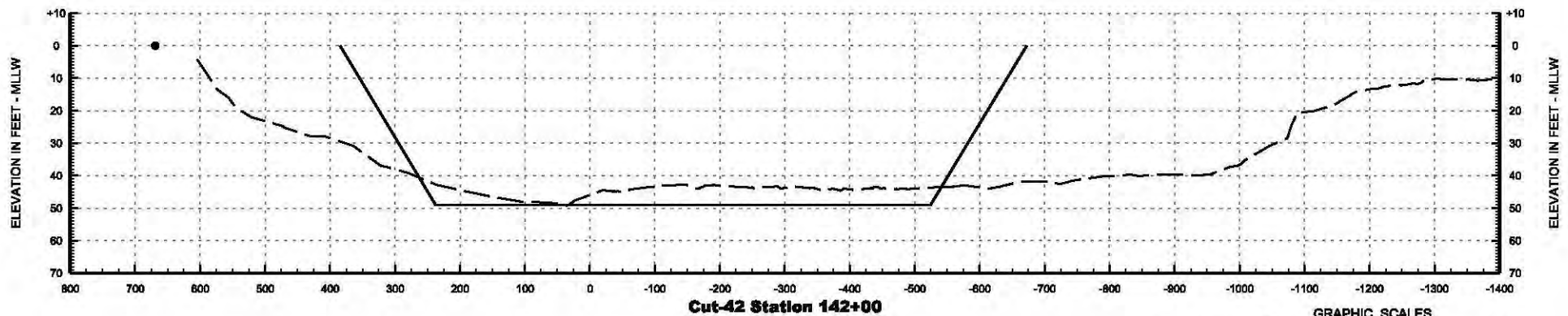
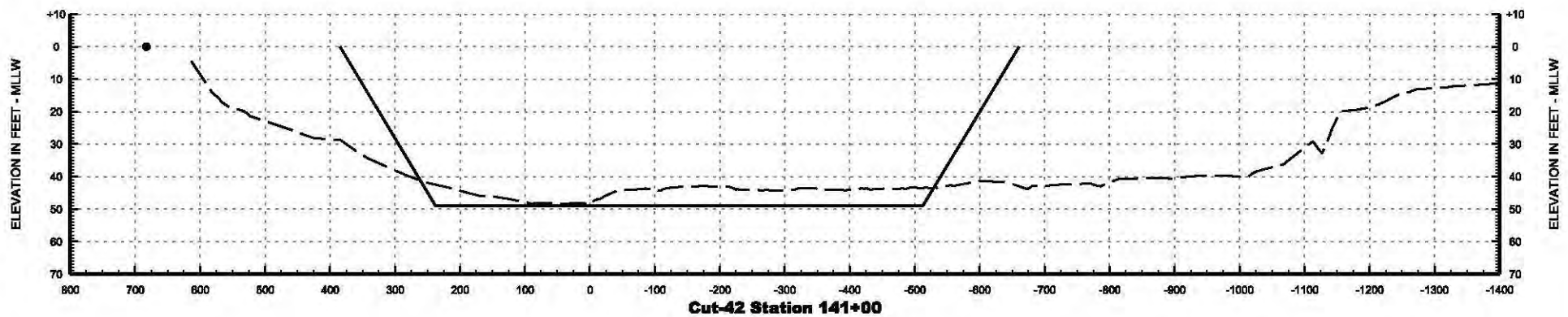
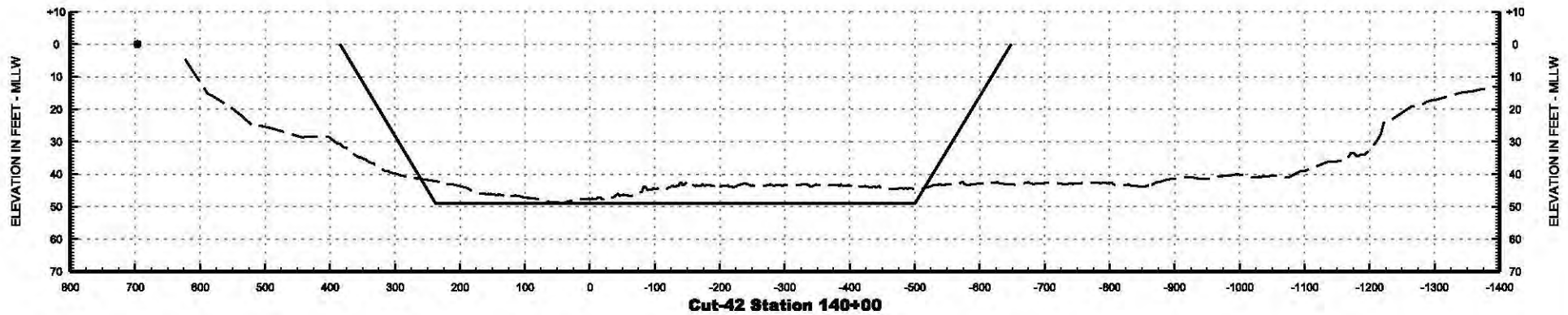
# **APPENDIX A**

## **ENGINEERING APPENDIX**

### **FIGURES 201-237**

Jacksonville Harbor Navigation Study, Duval County,  
Florida

DRAFT  
INTEGRATED GENERAL REEVALUATION  
REPORT II AND SUPPLEMENTAL  
ENVIRONMENTAL IMPACT STATEMENT



US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

DESIGNED BY:  
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BTM  
CHECKED BY:  
SRC  
DATED:  
MARCH 2013

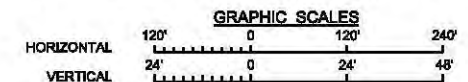
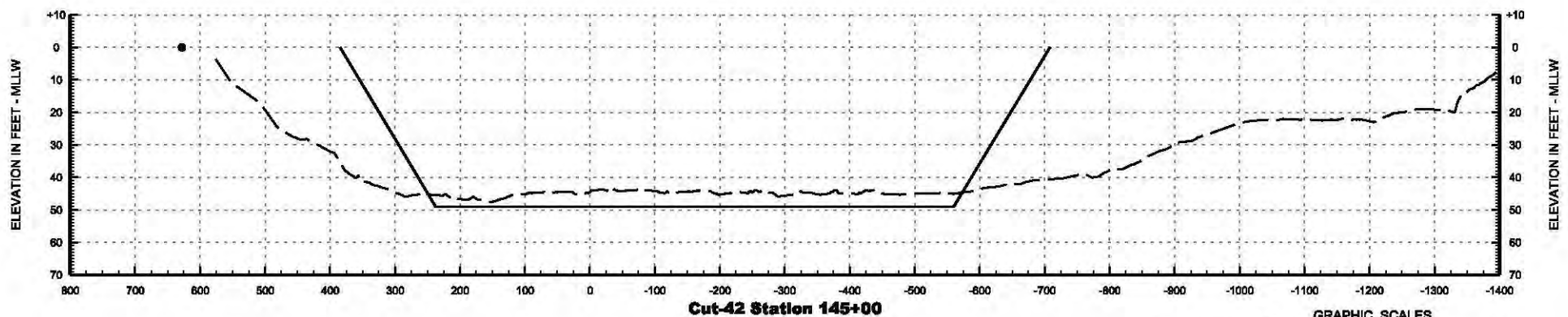
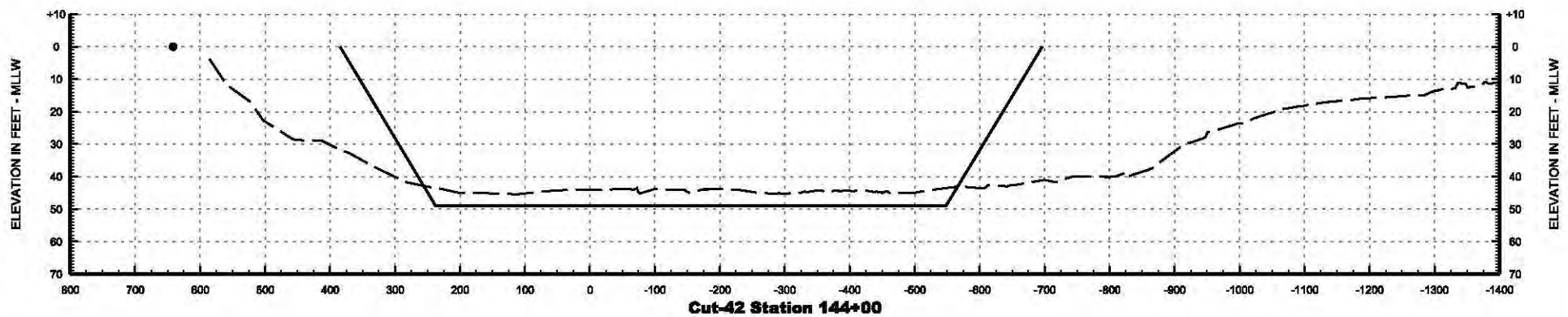
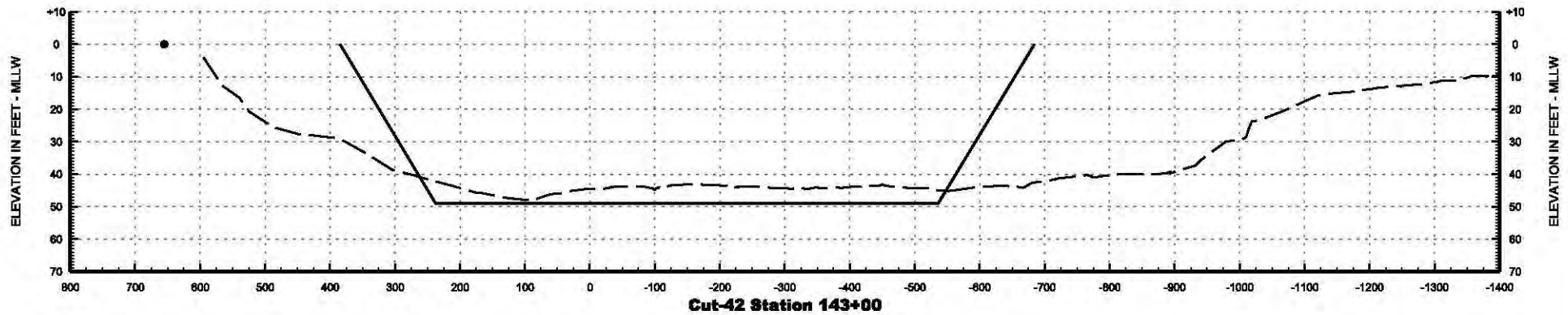
JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-42 STATION 140+00 TO 142+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE  
— — — EXISTING GROUND  
— — — DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

201





US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

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BTM  
CHECKED BY:  
SRC  
DATED:  
MARCH 2013

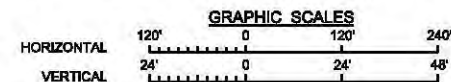
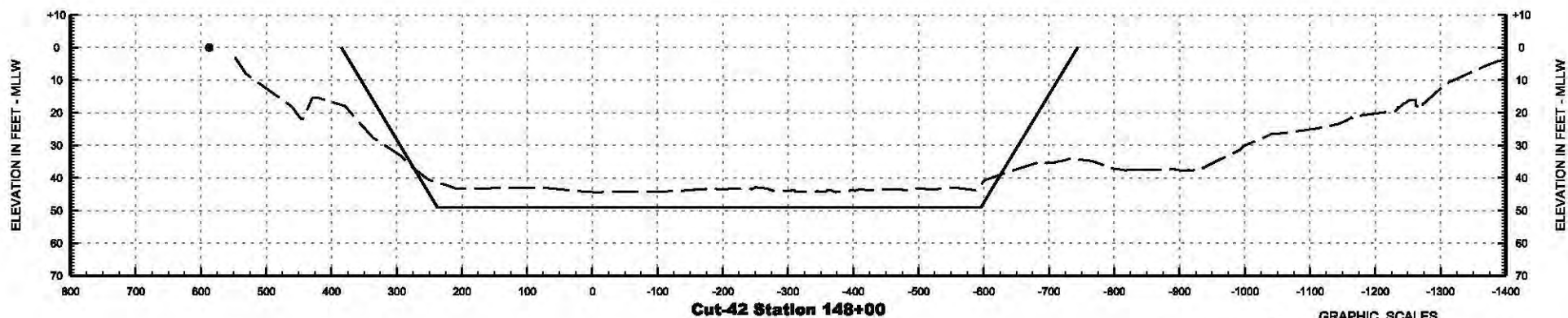
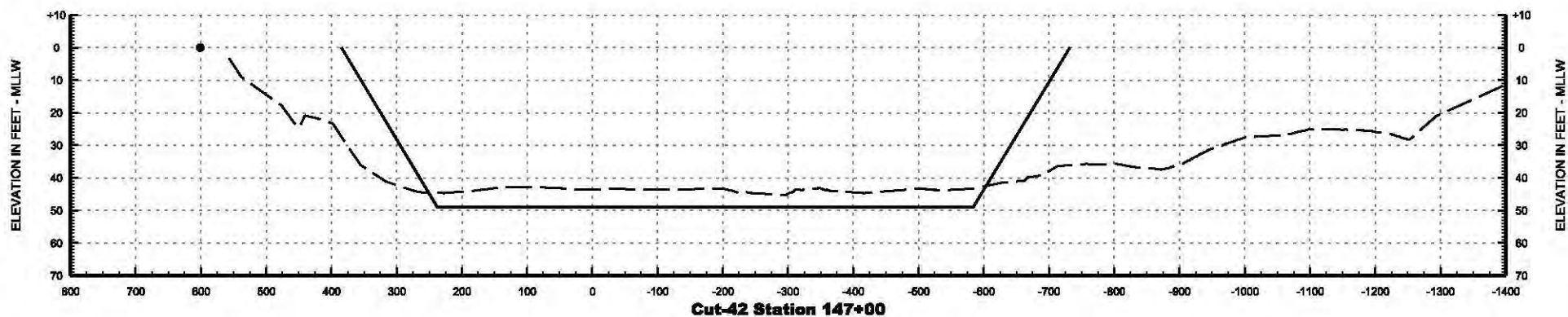
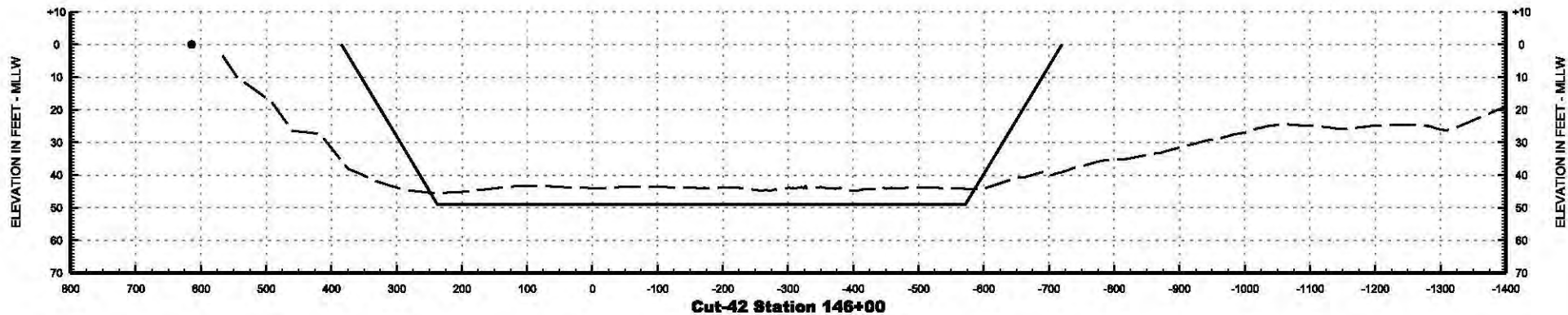
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DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-42 STATION 143+00 TO 145+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE  
— — — EXISTING GROUND  
— — — DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

202





US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

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DRAWN BY:  
BTM  
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SRC  
DATED:  
MARCH 2013

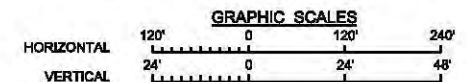
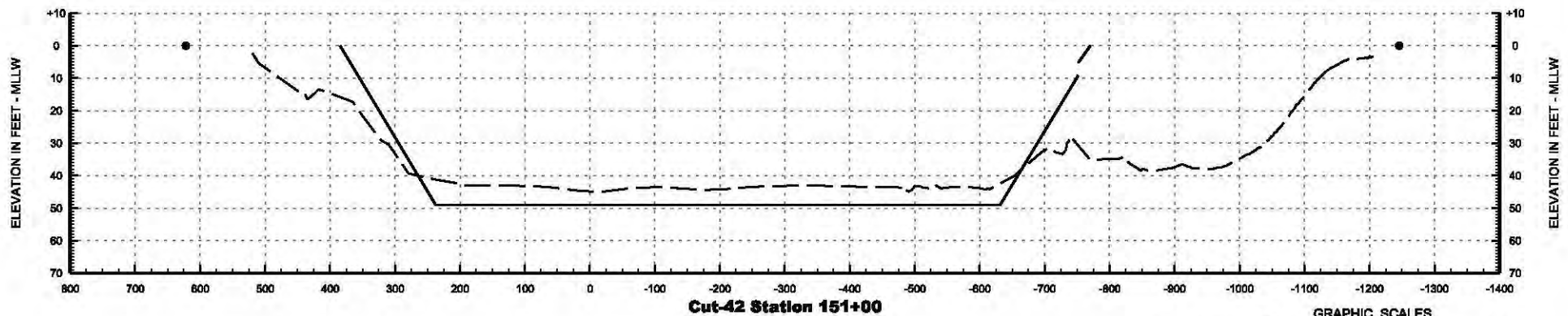
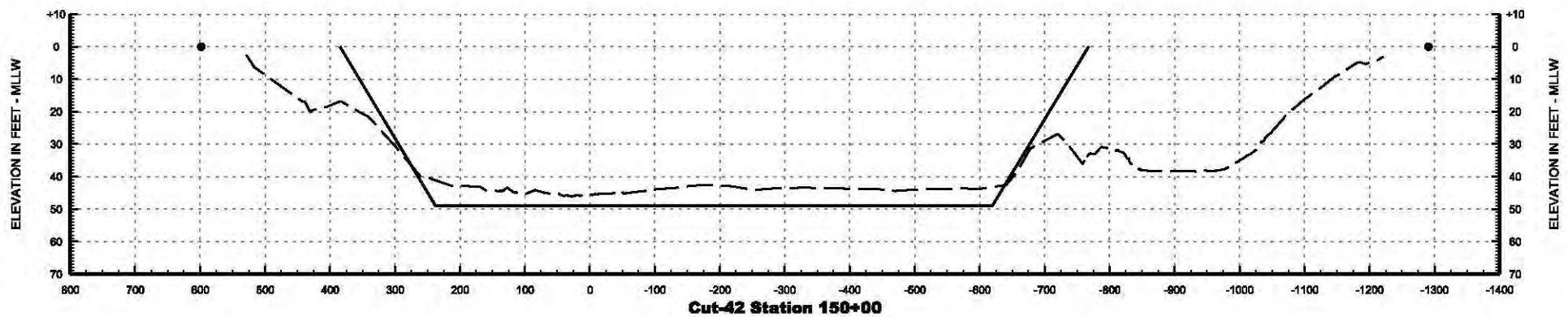
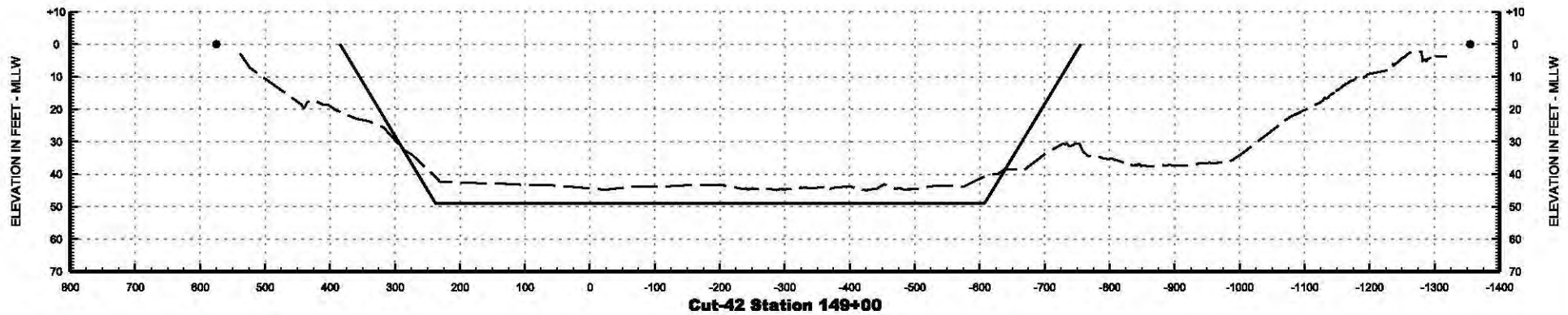
JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-42 STATION 146+00 TO 148+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE  
— — — EXISTING GROUND  
— — — DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

203





US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

DESIGNED BY:  
SRC  
DRAWN BY:  
BTM  
CHECKED BY:  
SRC  
DATED:  
MARCH 2013

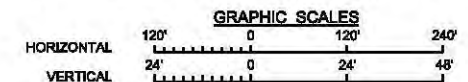
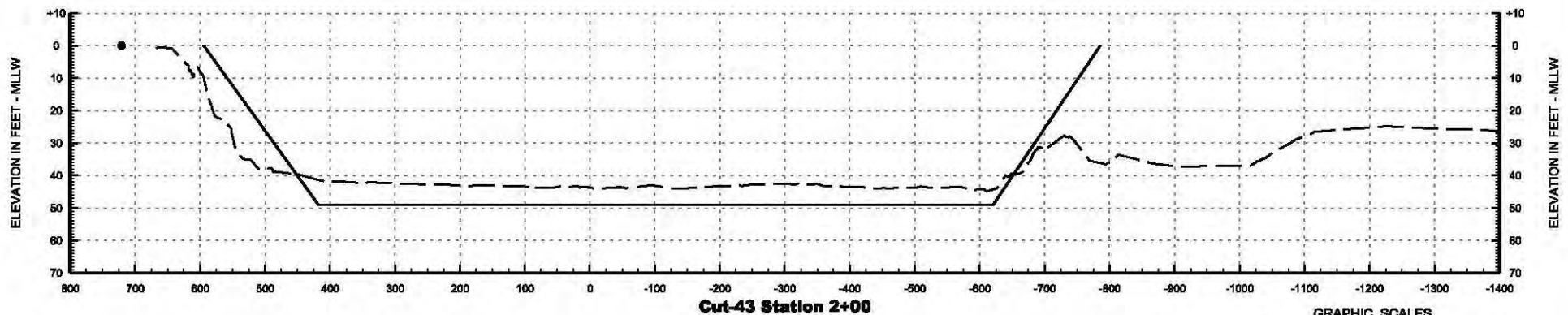
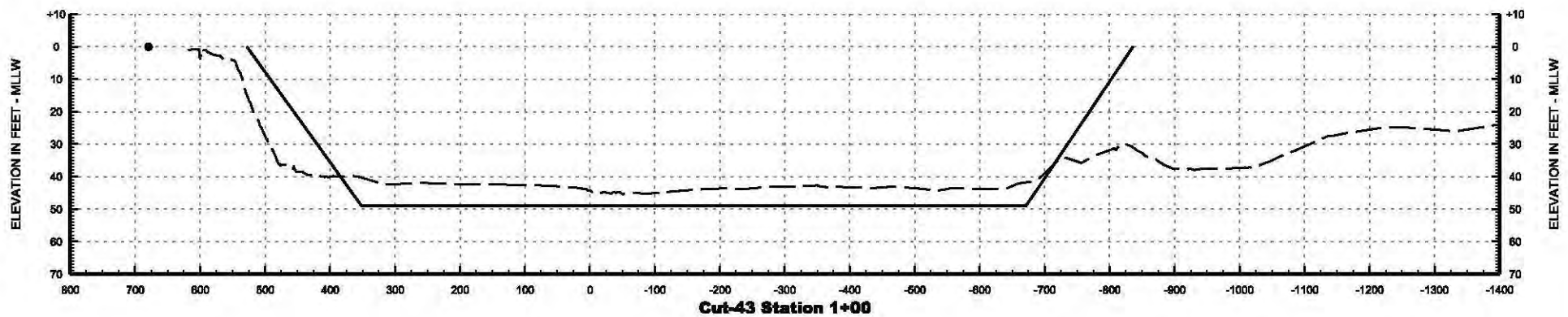
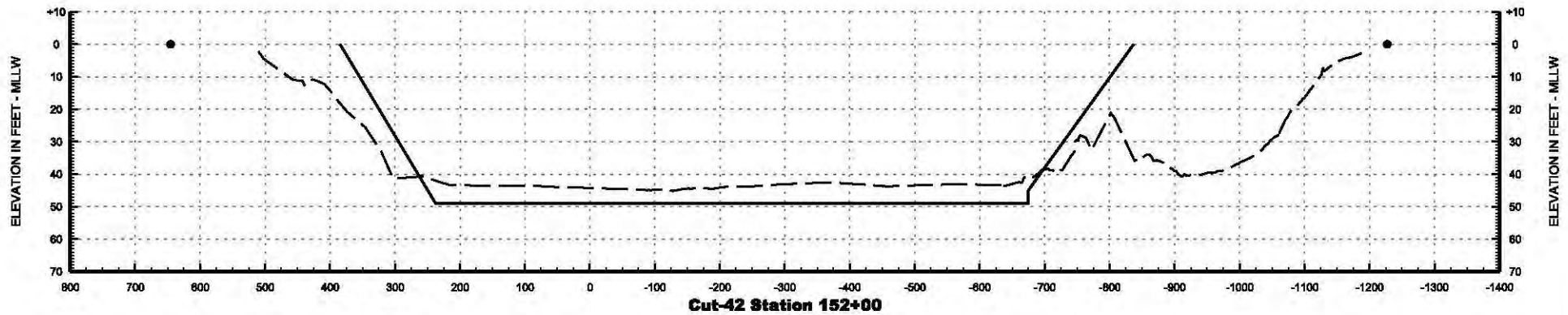
JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-42 STATION 149+00 TO 151+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE  
— — — EXISTING GROUND  
— — — DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

204





US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

DESIGNED BY:  
SRC  
DRAWN BY:  
BTM  
CHECKED BY:  
SRC  
DATED:  
MARCH 2013

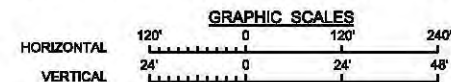
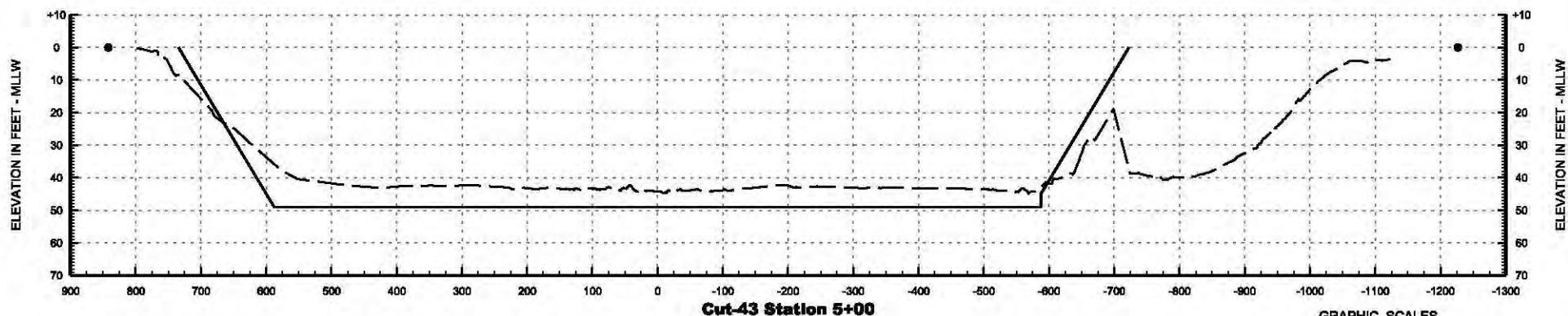
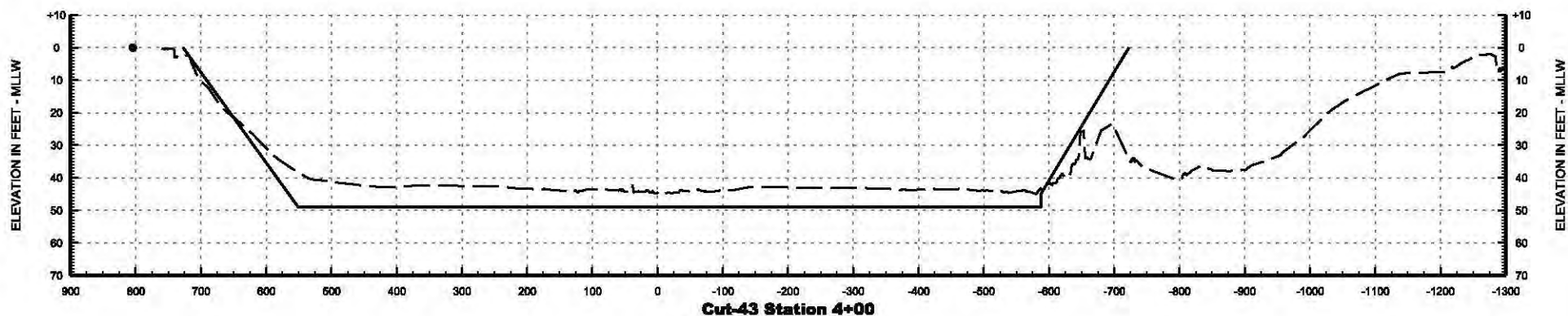
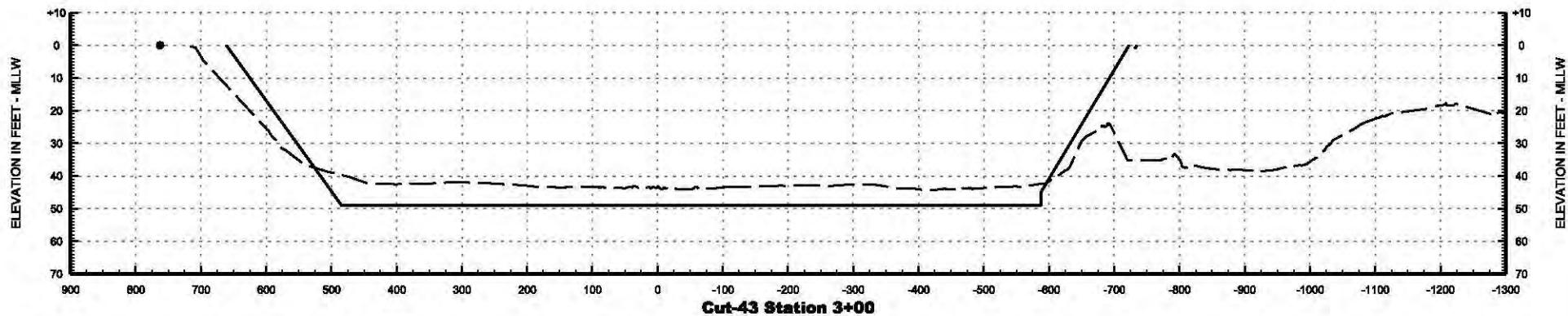
JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-42 STATION 152+00 TO CUT-43 STATION 2+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE  
— — — EXISTING GROUND  
— — — DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

205





US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

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SRC  
DATED:  
MARCH 2013

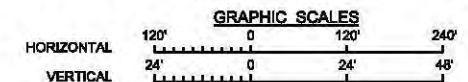
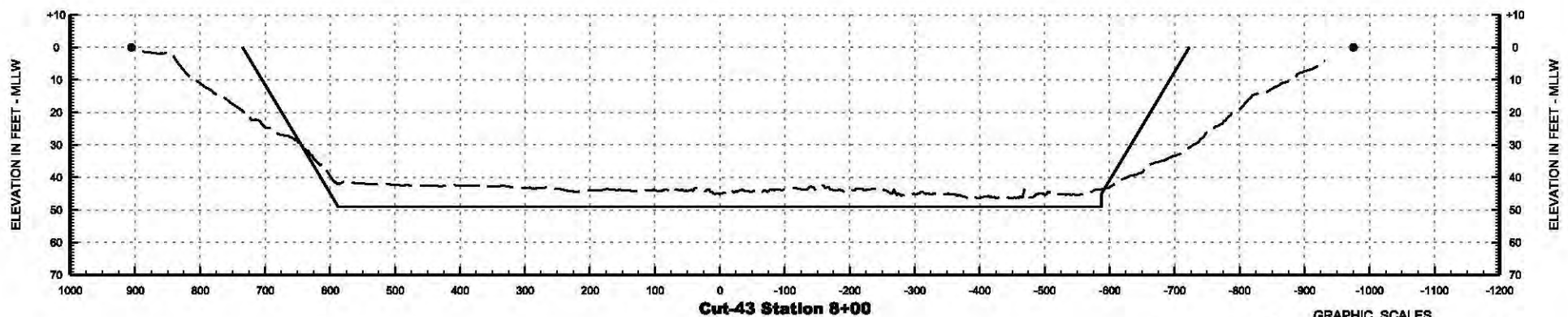
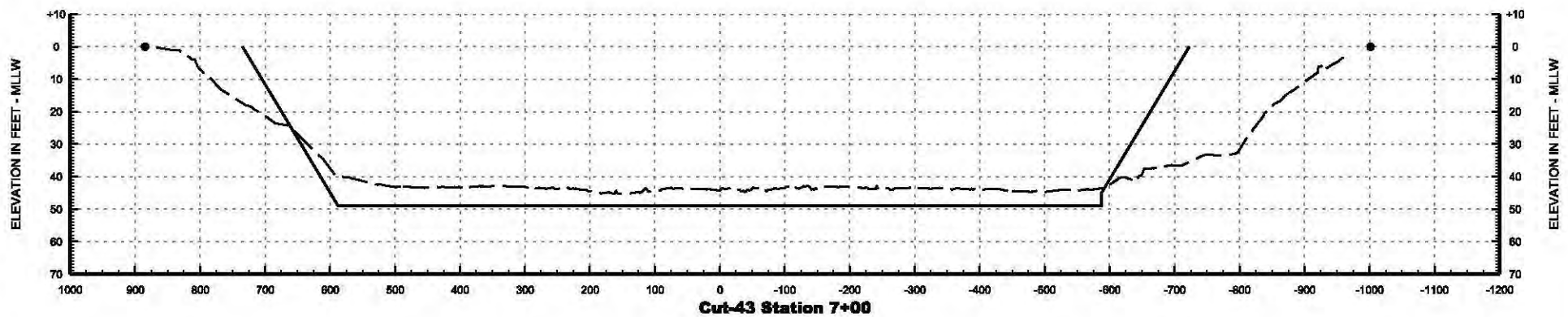
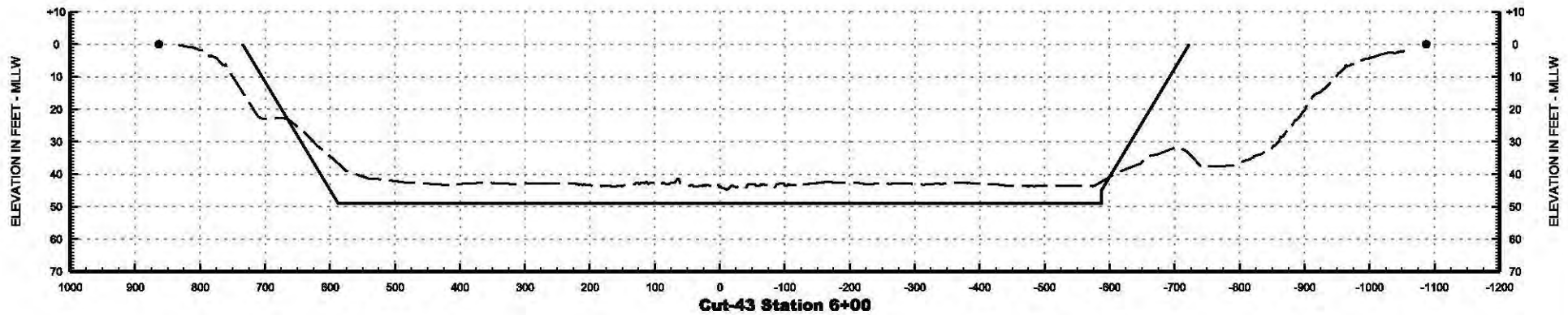
JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-43 STATION 3+00 TO 5+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE  
— — — EXISTING GROUND  
— — — DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

206





US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

DESIGNED BY:  
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SRC  
DATED:  
MARCH 2013

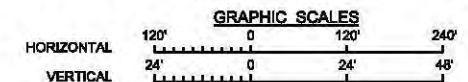
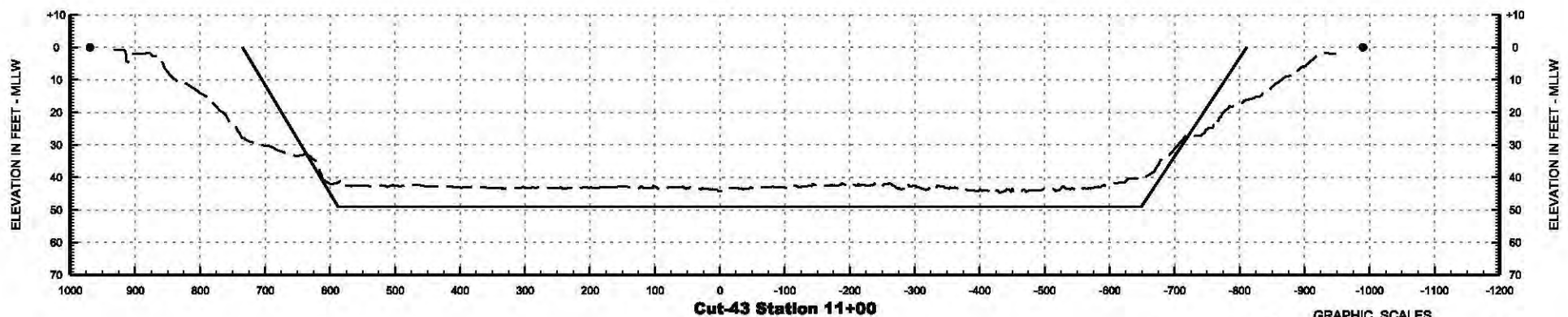
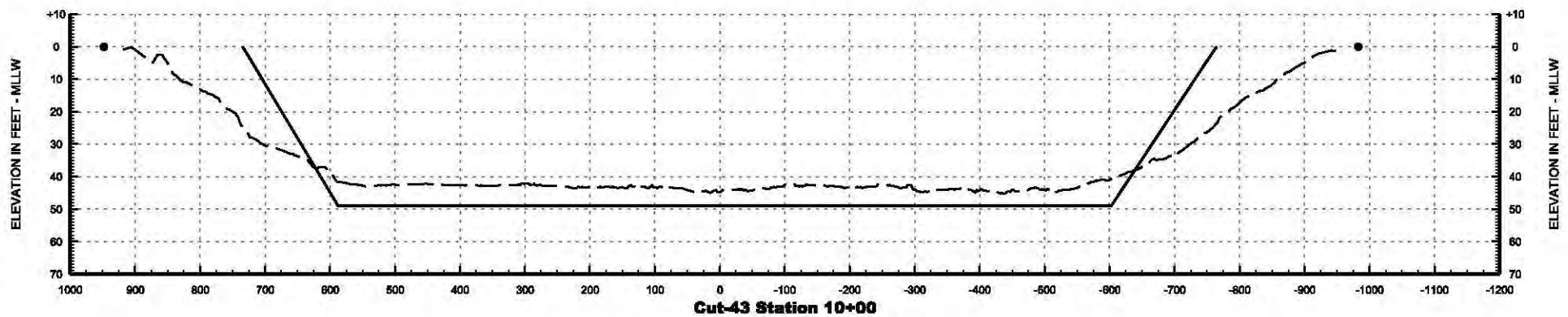
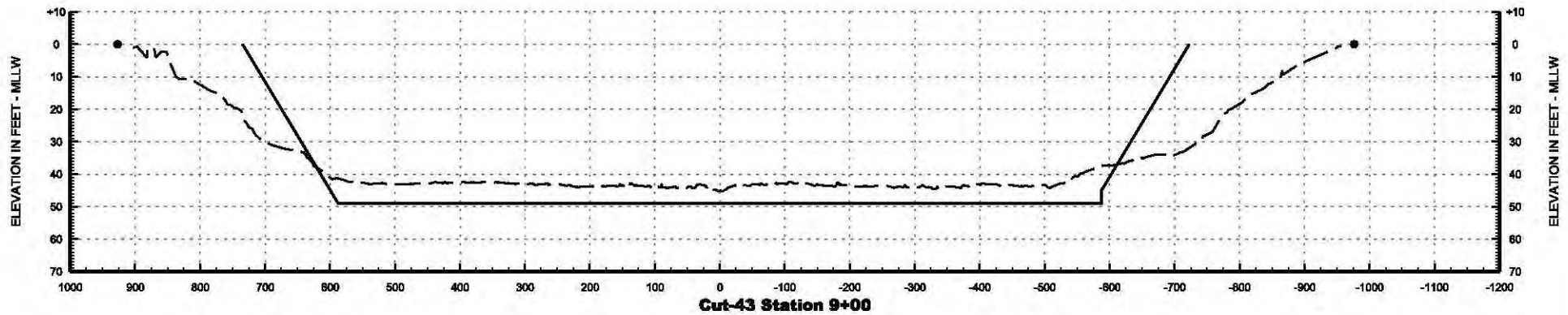
JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-43 STATION 6+00 TO 8+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE  
— — — EXISTING GROUND  
— — — DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

207





US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

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DATED:  
MARCH 2013

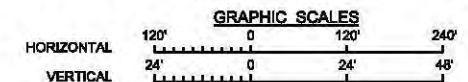
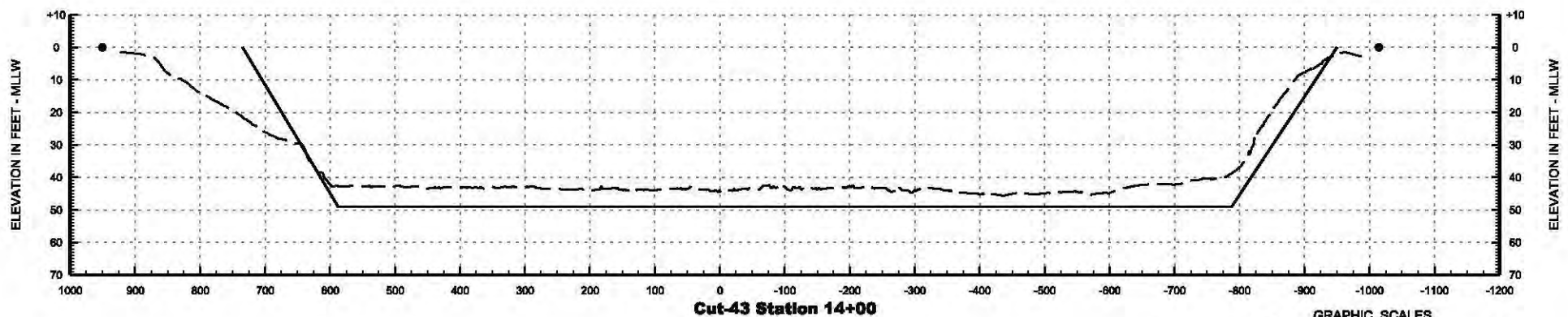
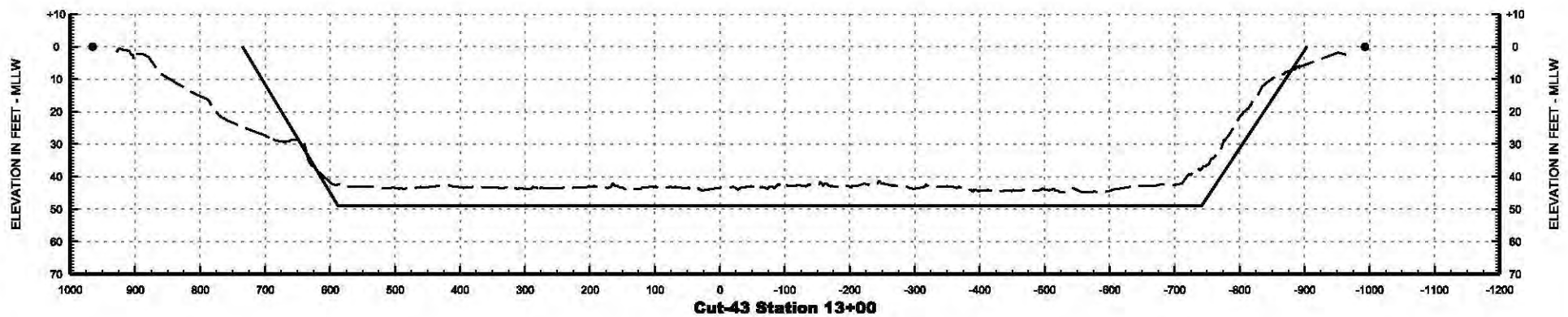
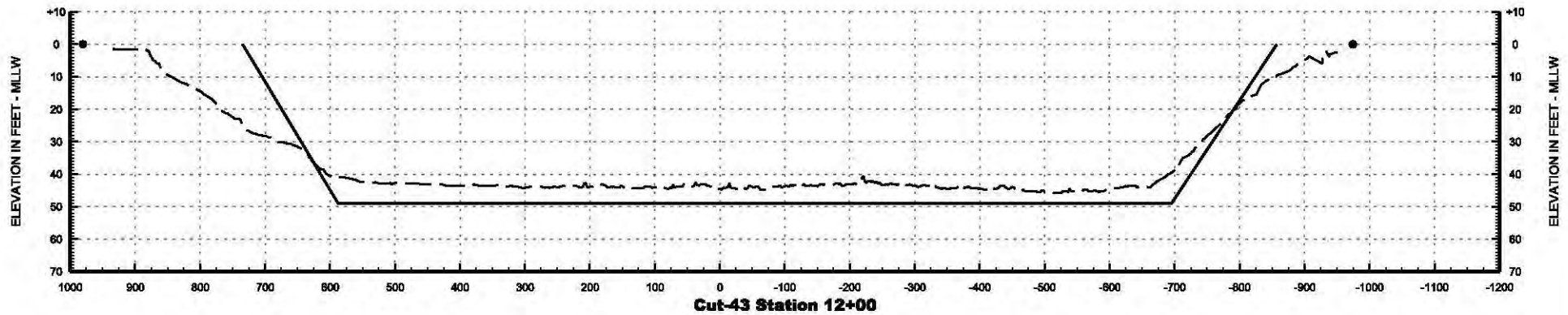
JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-43 STATION 9+00 TO 11+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE  
— EXISTING GROUND  
— DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

208





US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

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SRC  
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CHECKED BY:  
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DATED:  
MARCH 2013

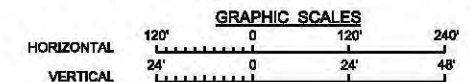
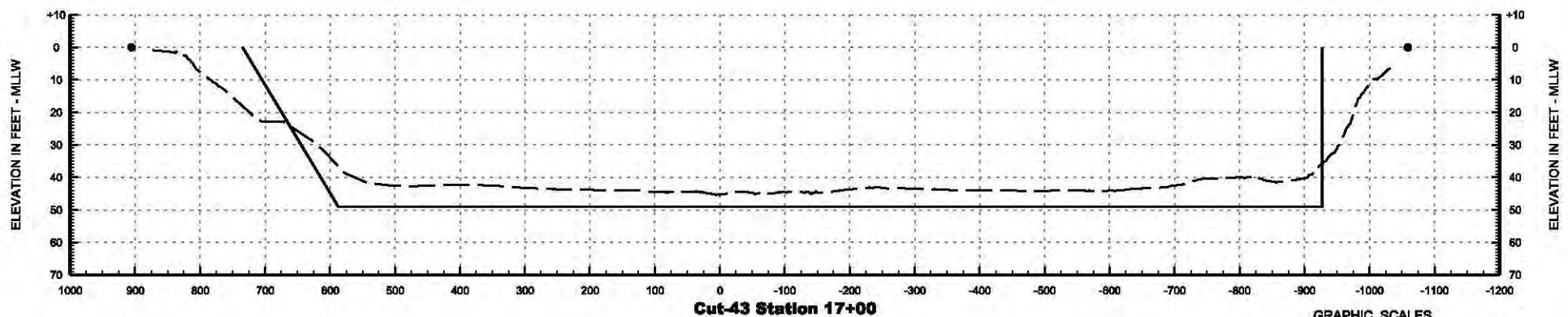
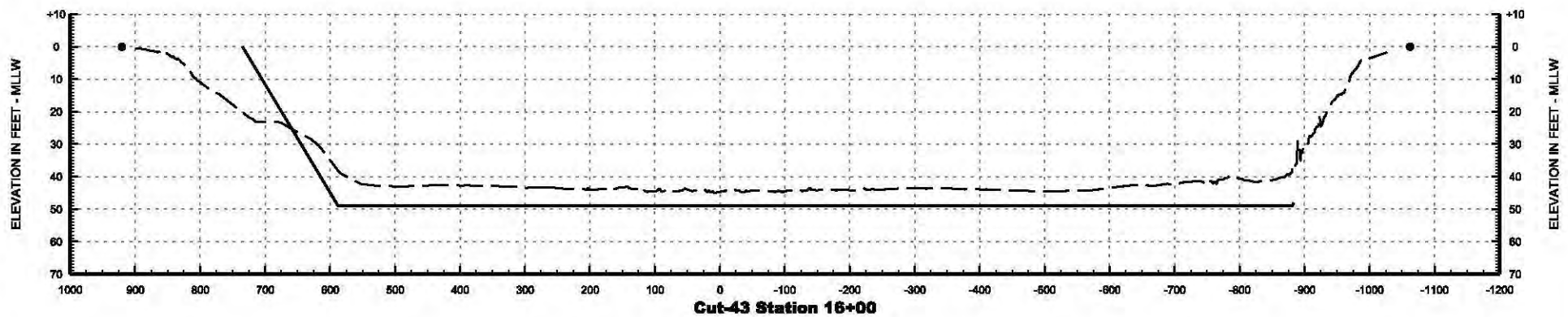
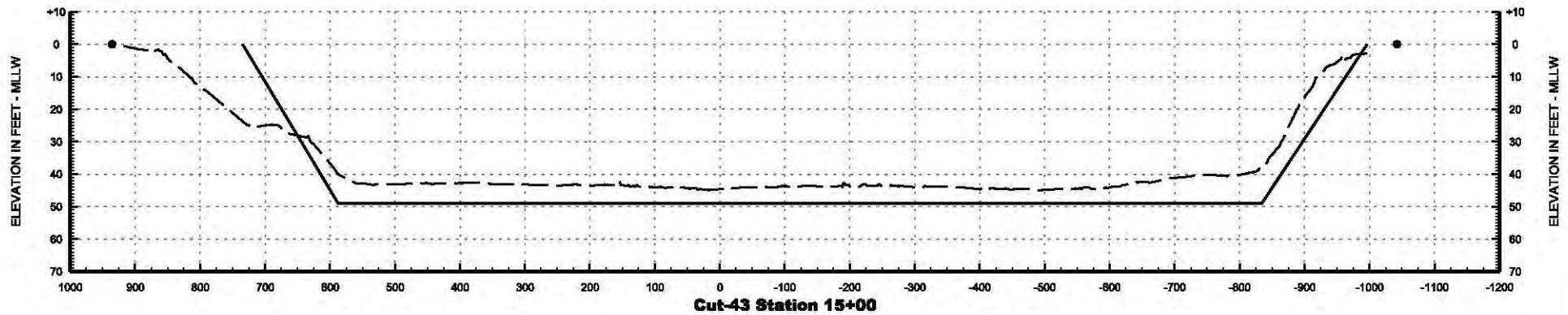
JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-43 STATION 12+00 TO 14+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE  
— — — EXISTING GROUND  
— — — DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

209





US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

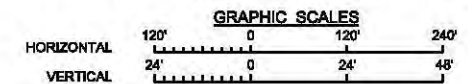
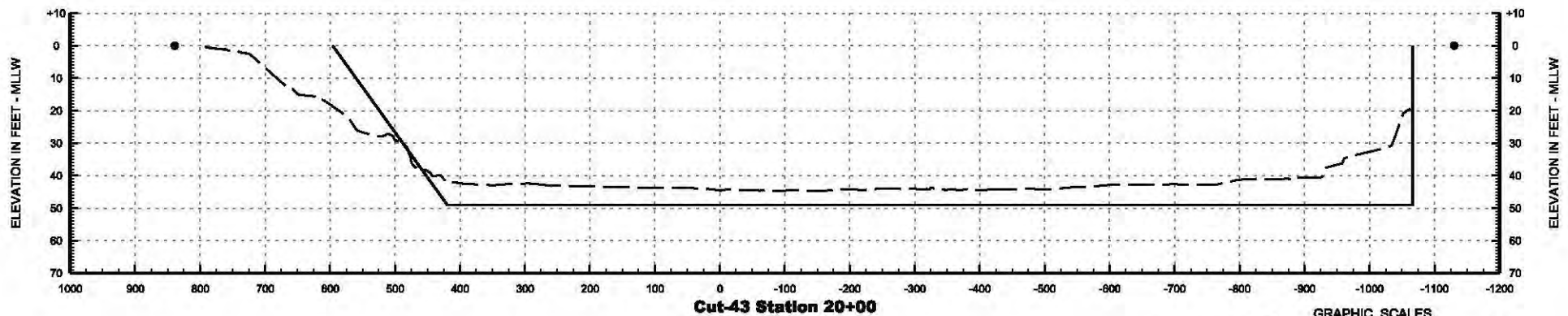
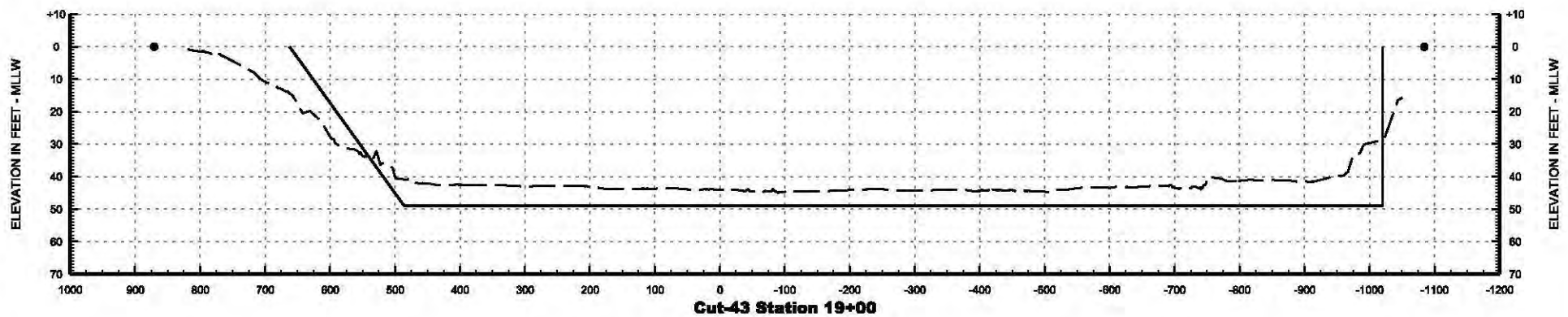
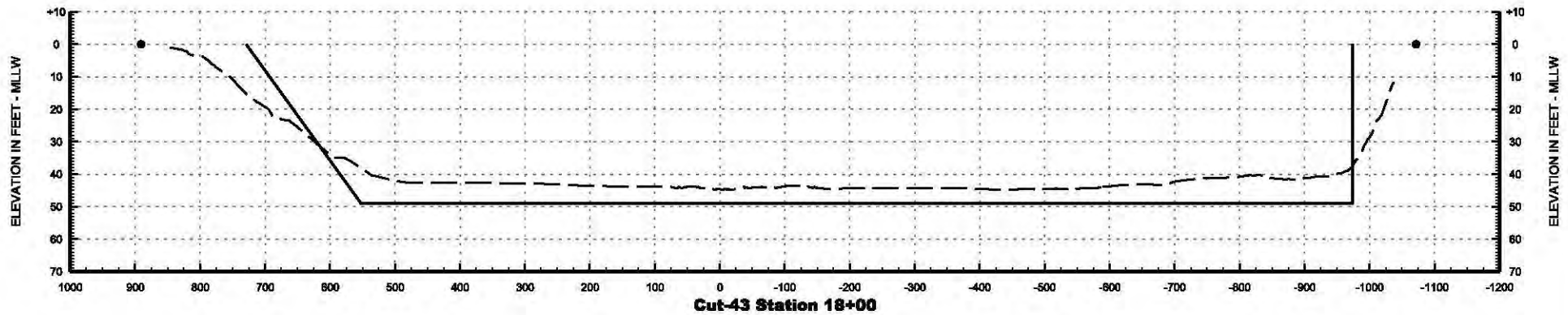
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DATED:  
MARCH 2013

JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-43 STATION 15+00 TO 17+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE  
— — — EXISTING GROUND  
— — — DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

210



US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

DESIGNED BY:  
SRC  
DRAWN BY:  
BTM  
CHECKED BY:  
SRC  
DATED:  
MARCH 2013

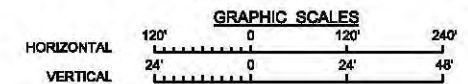
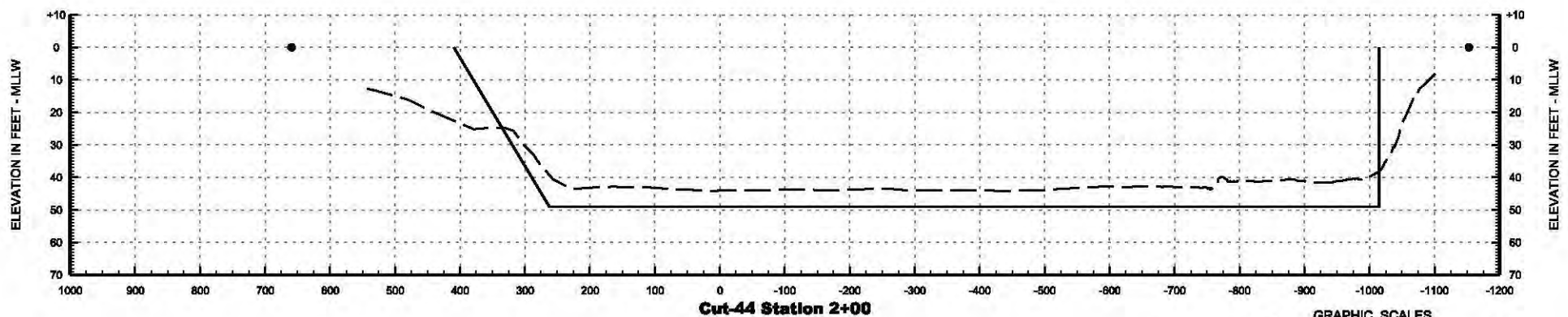
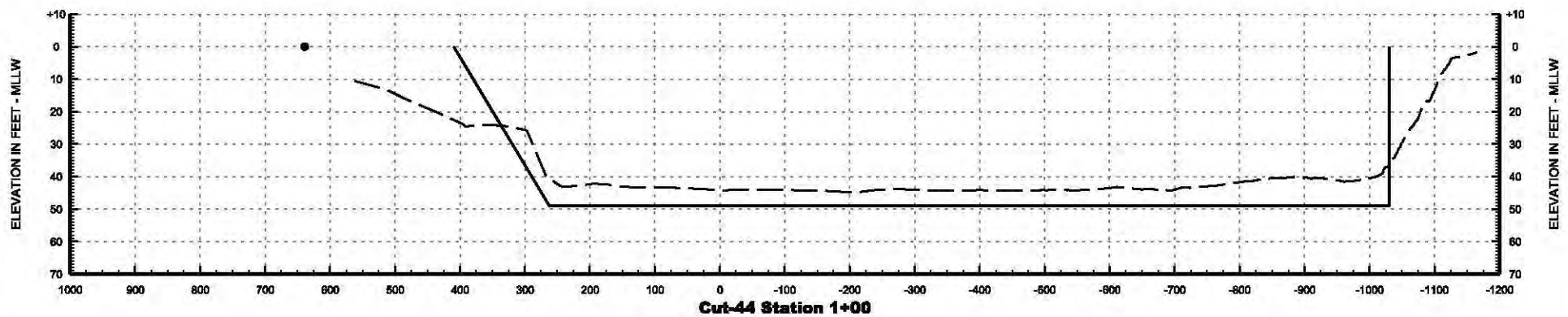
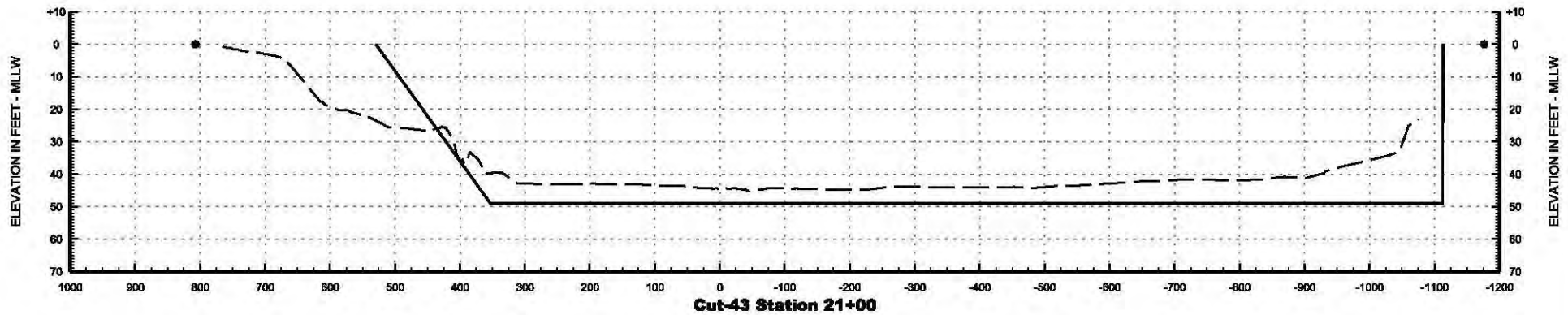
JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-43 STATION 18+00 TO 20+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE  
— EXISTING GROUND  
— DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

211





US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

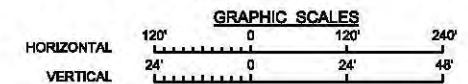
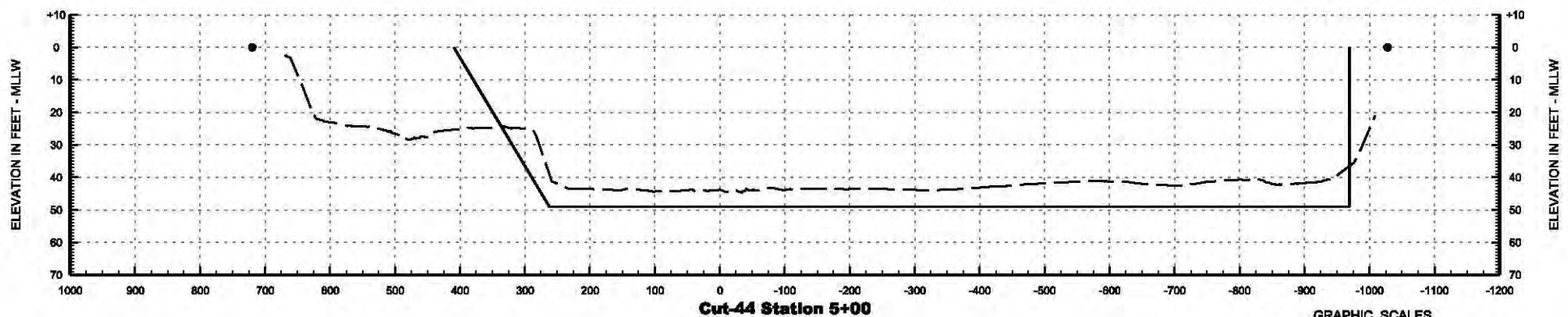
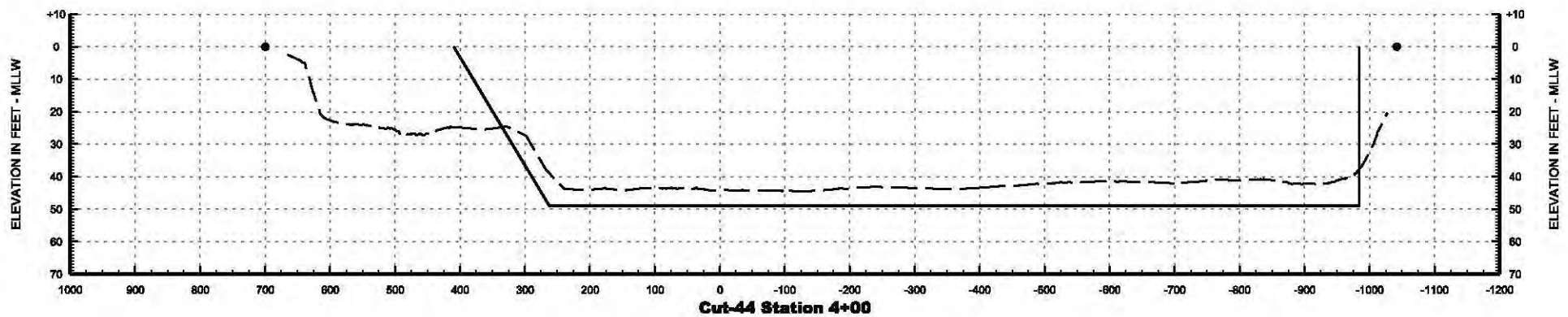
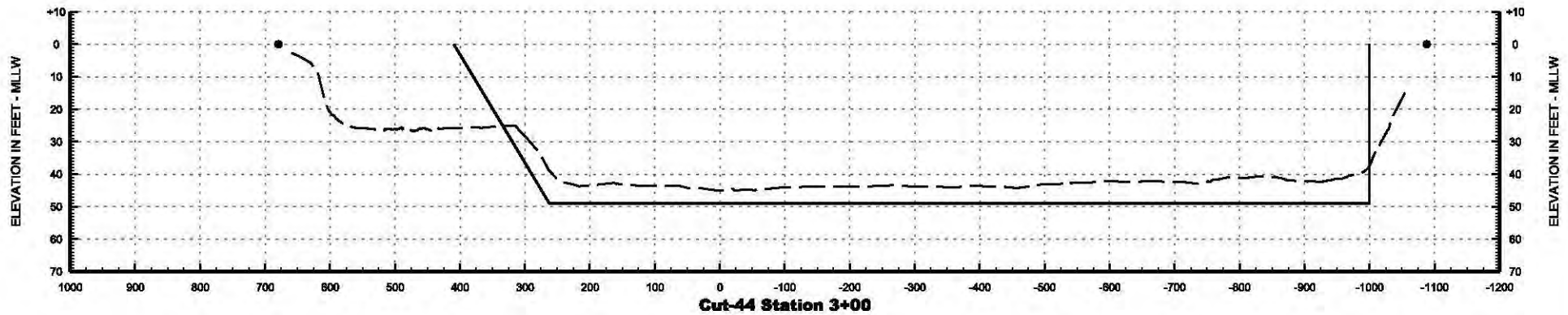
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CHECKED BY:  
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DATED:  
MARCH 2013

JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-43 STATION 21+00 TO CUT-44 STATION 2+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

● APPROXIMATE SHORELINE  
--- EXISTING GROUND  
— DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

212



US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

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SRC  
DRAWN BY:  
BTM  
CHECKED BY:  
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DATED:  
MARCH 2013

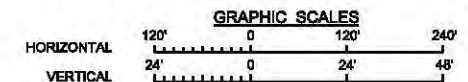
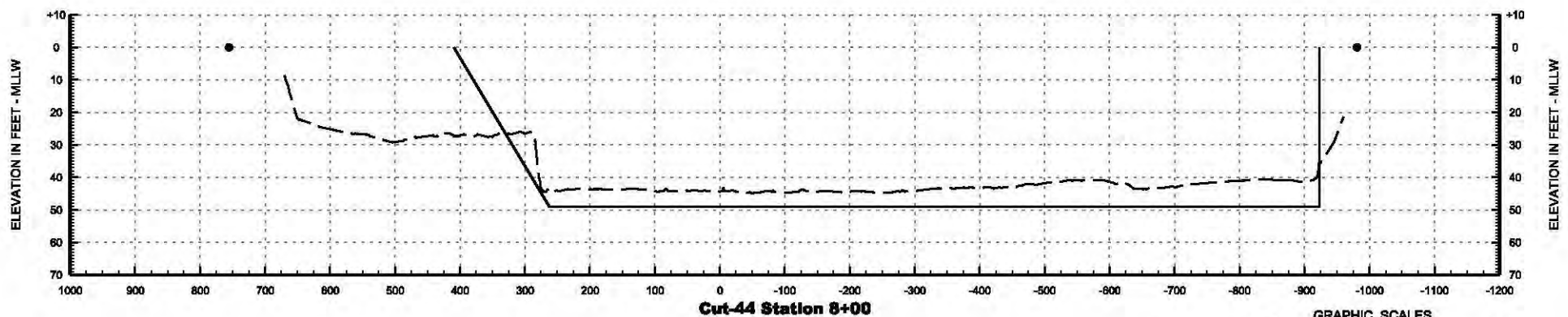
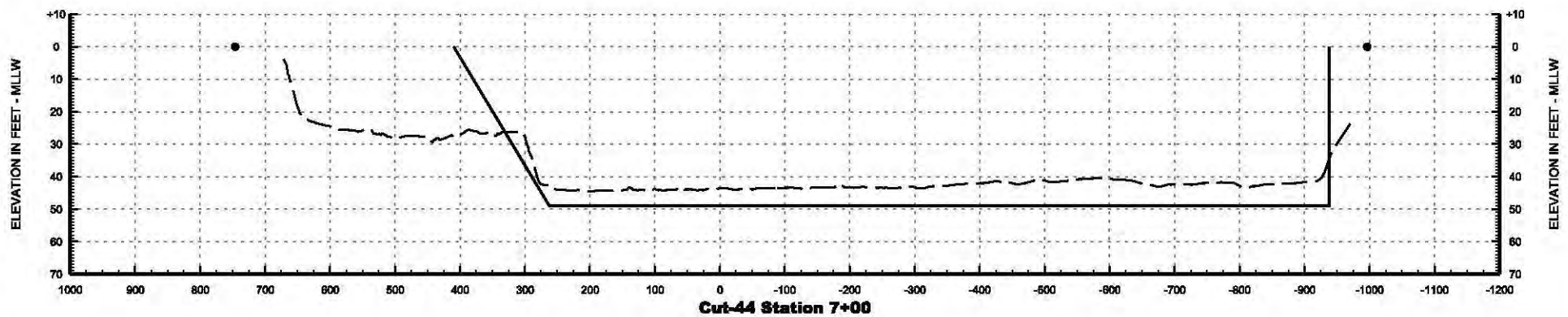
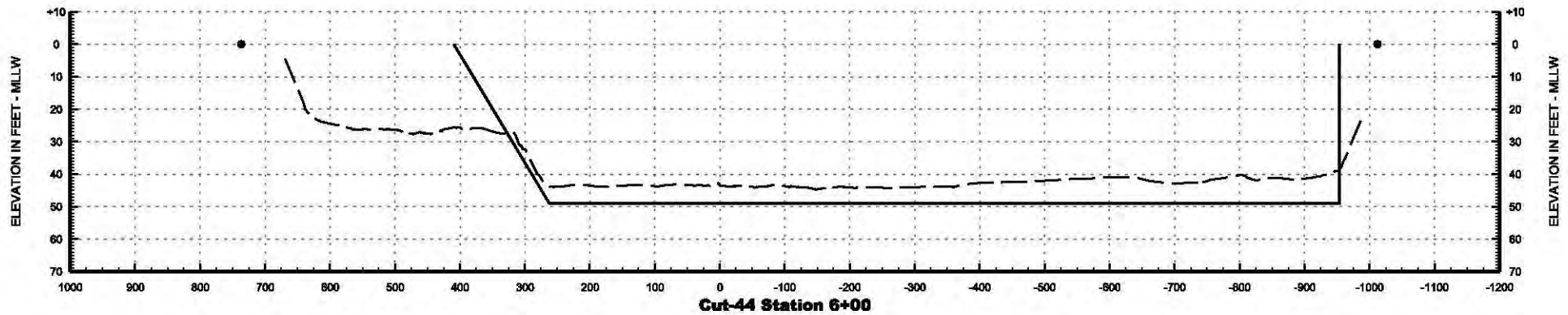
JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-44 STATION 3+00 TO 5+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE  
— — — EXISTING GROUND  
— — — DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

213





US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

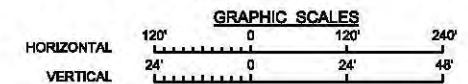
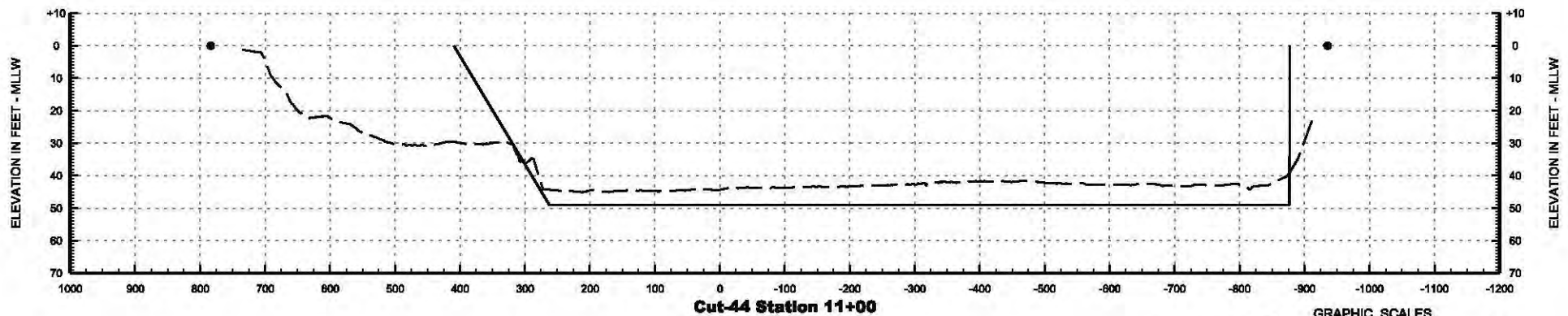
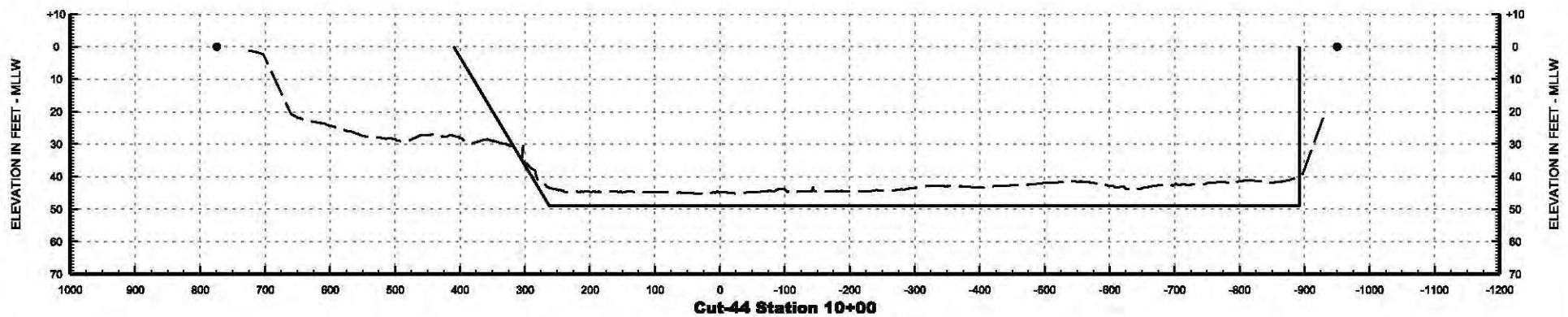
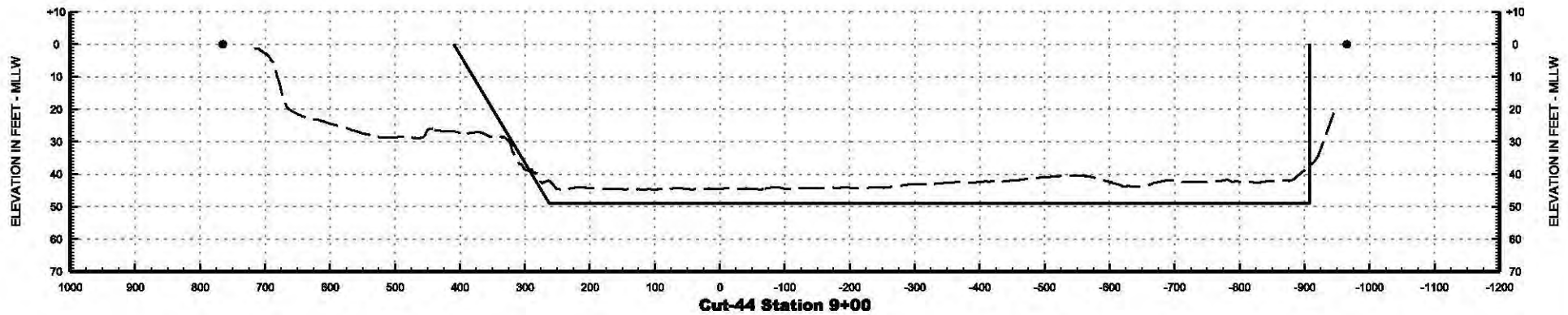
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DATED:  
MARCH 2013

JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-44 STATION 6+00 TO 8+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE  
--- EXISTING GROUND  
— DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

214



US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

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DATED:  
MARCH 2013

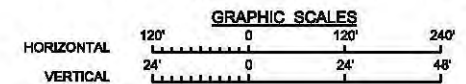
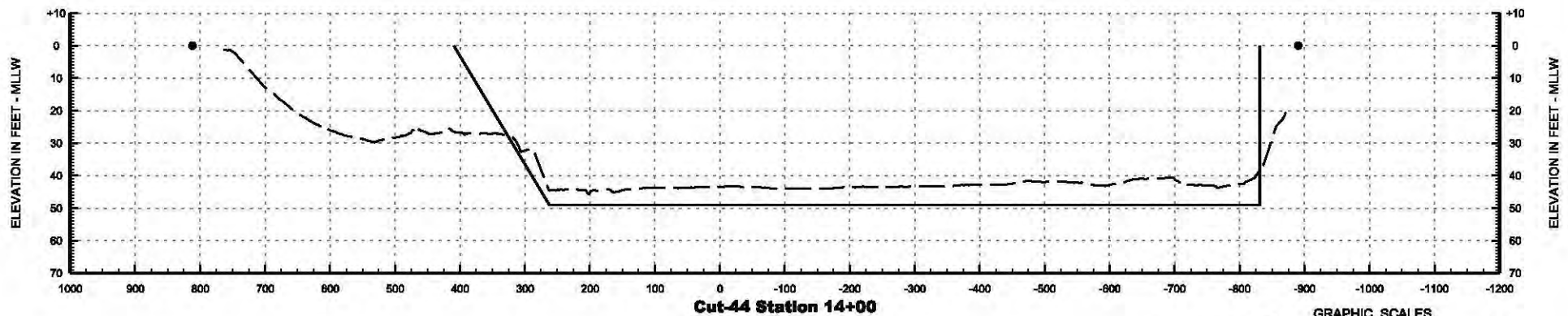
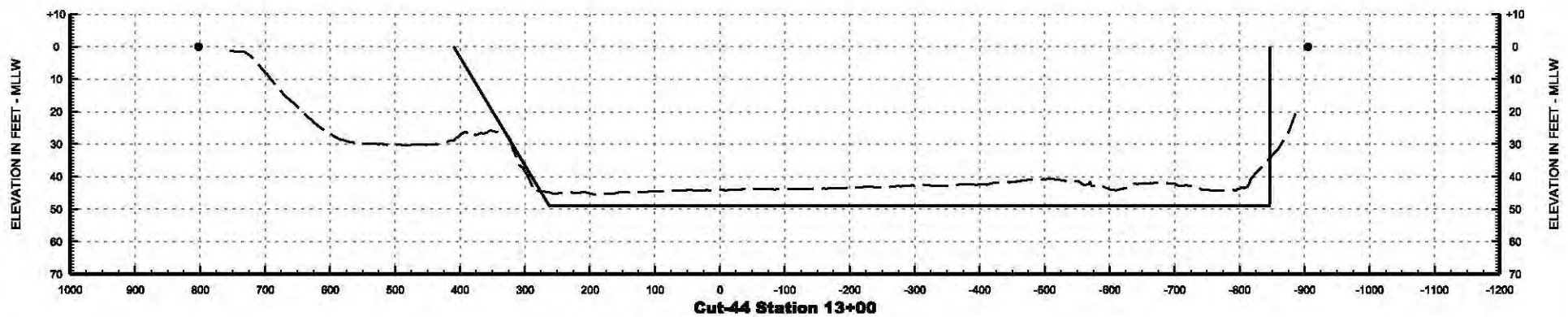
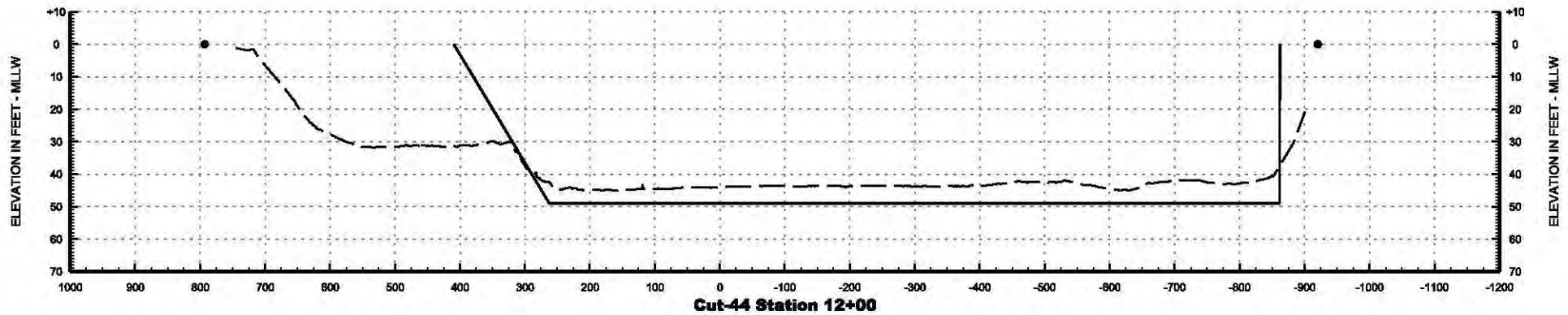
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DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-44 STATION 9+00 TO 11+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE  
— — — EXISTING GROUND  
— — — DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

215





US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

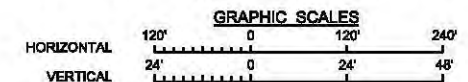
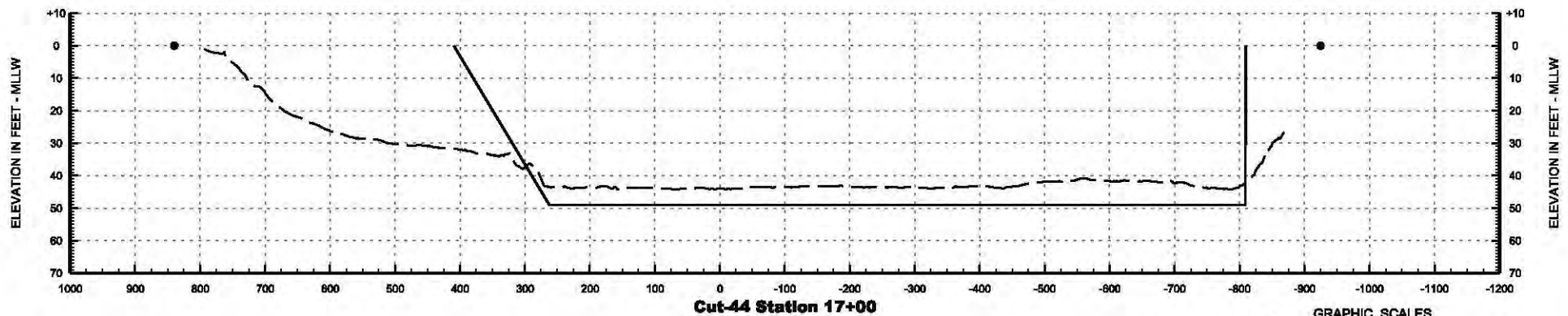
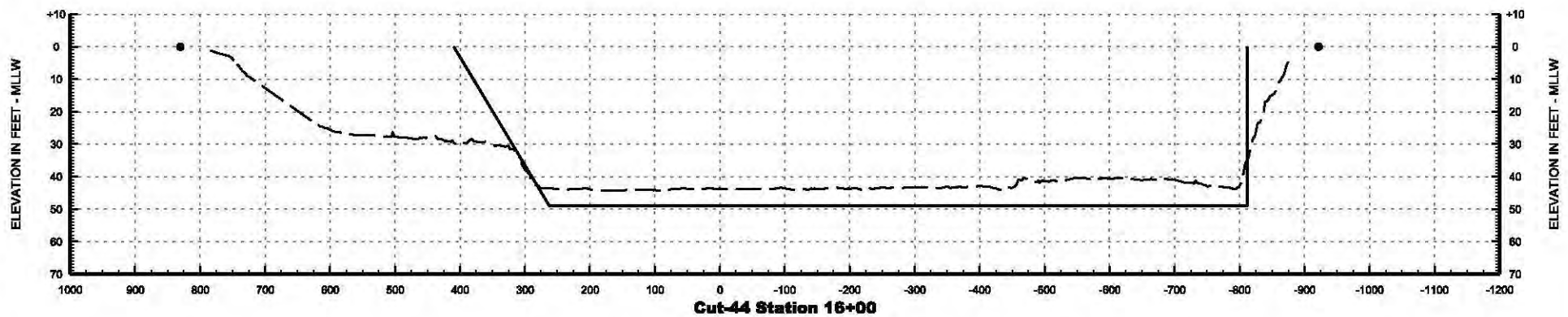
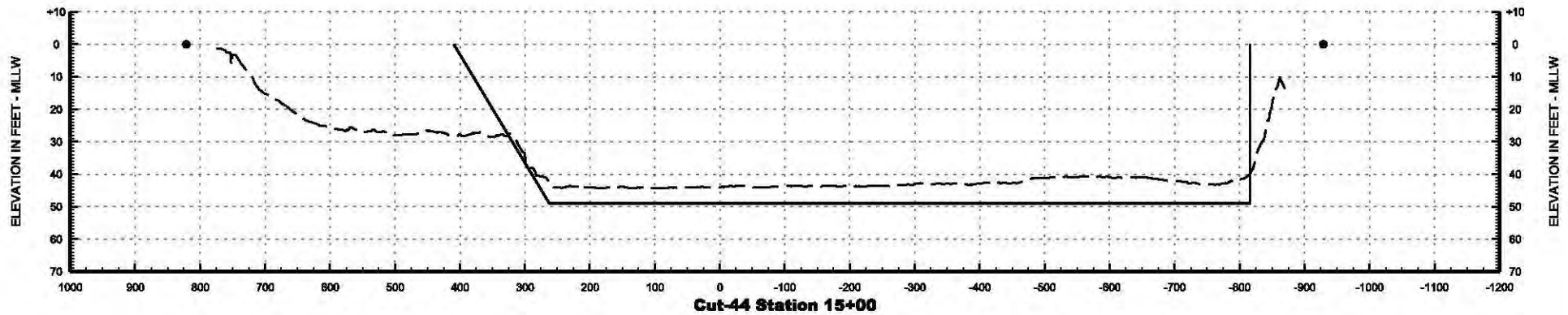
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MARCH 2013

JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-44 STATION 12+00 TO 14+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE  
— — — EXISTING GROUND  
— — — DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

216



US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

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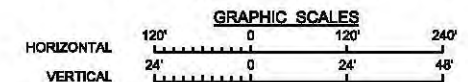
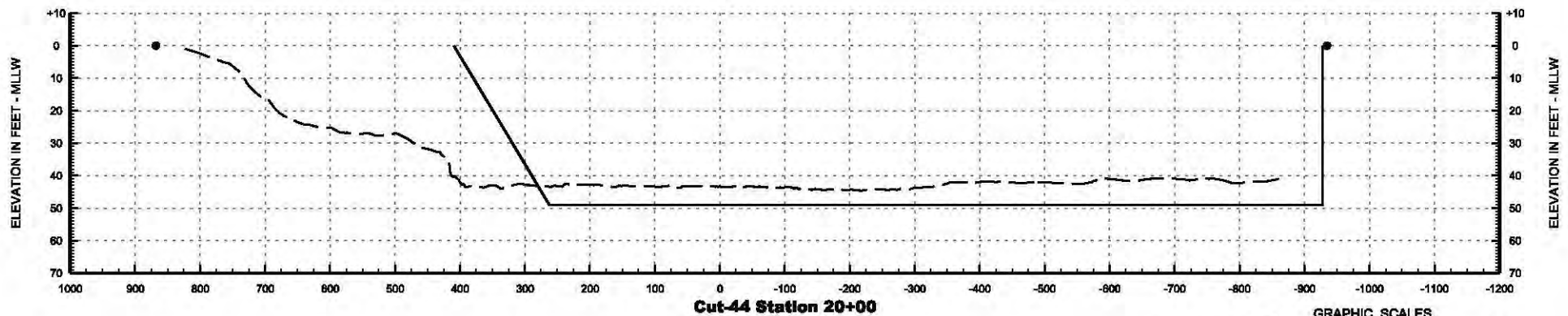
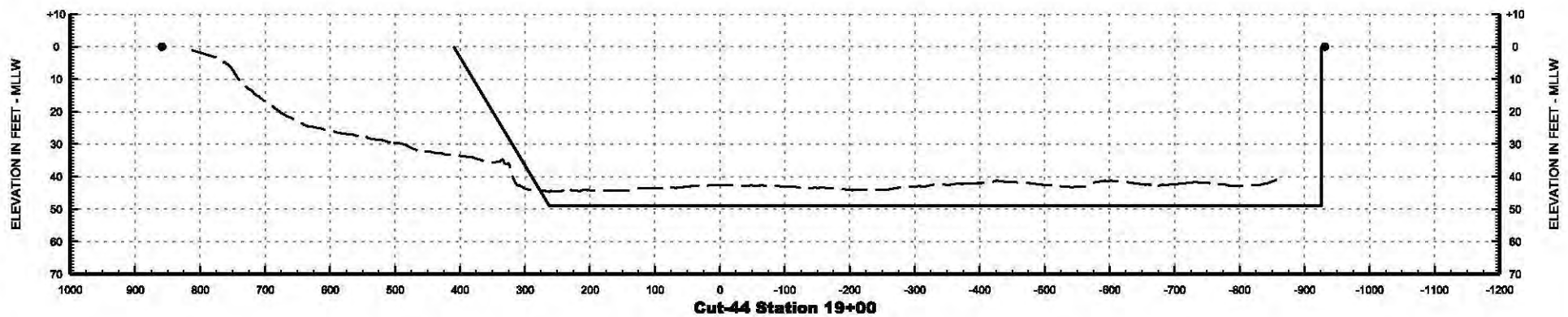
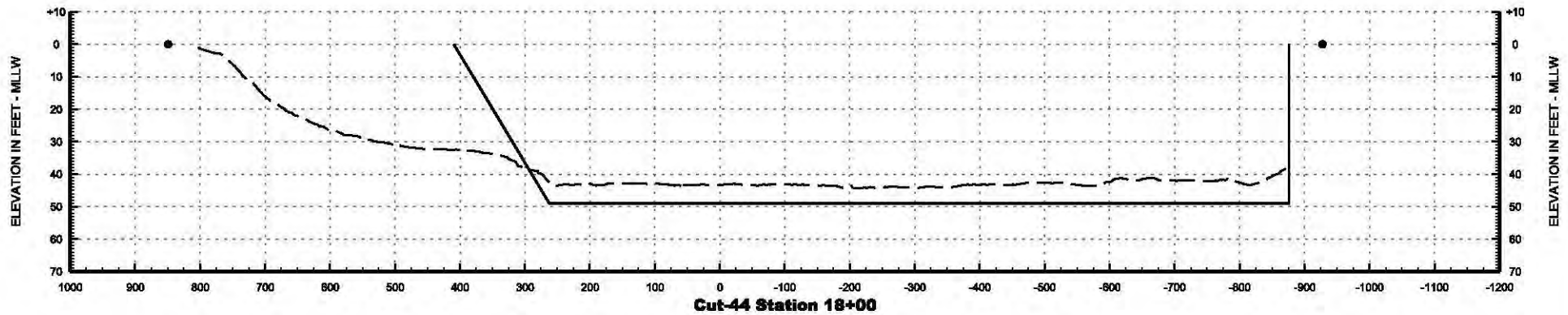
JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-44 STATION 15+00 TO 17+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE  
— — — EXISTING GROUND  
— — — DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

217





US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

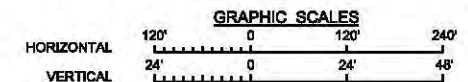
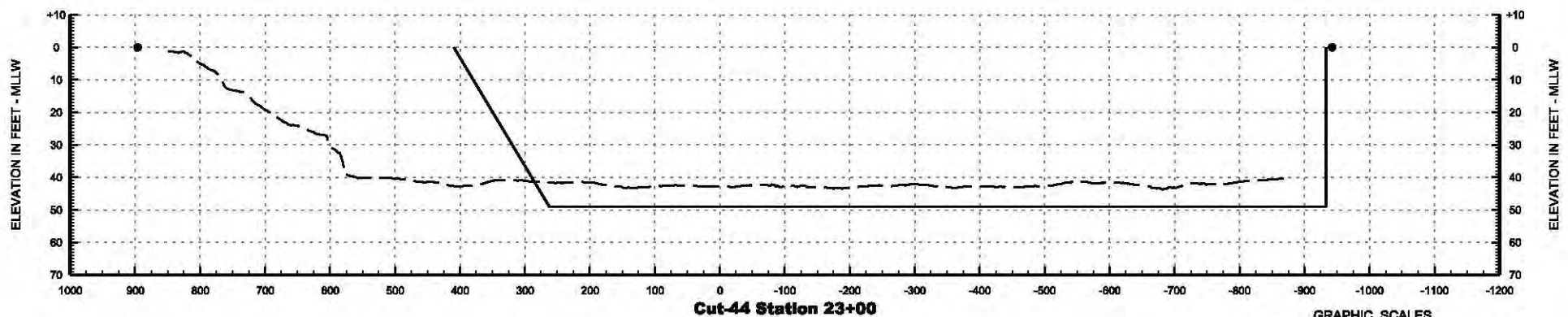
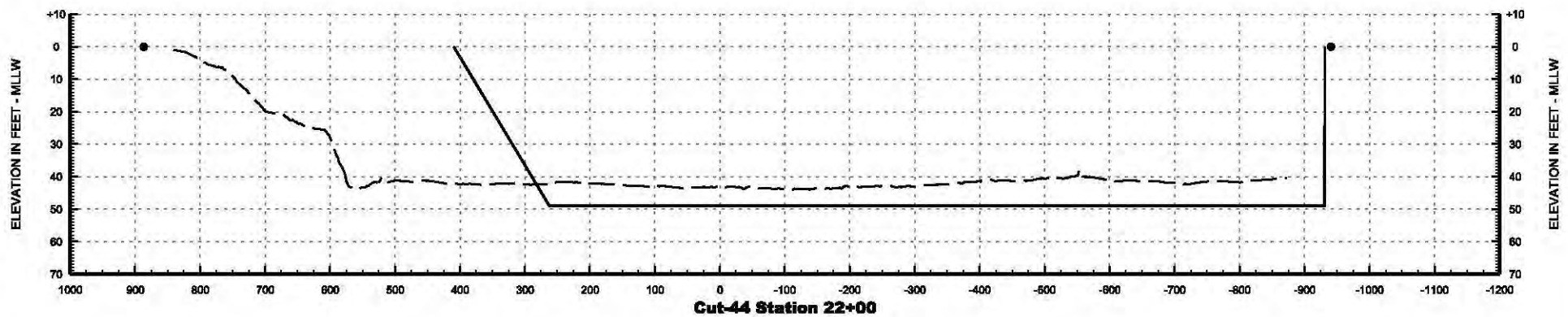
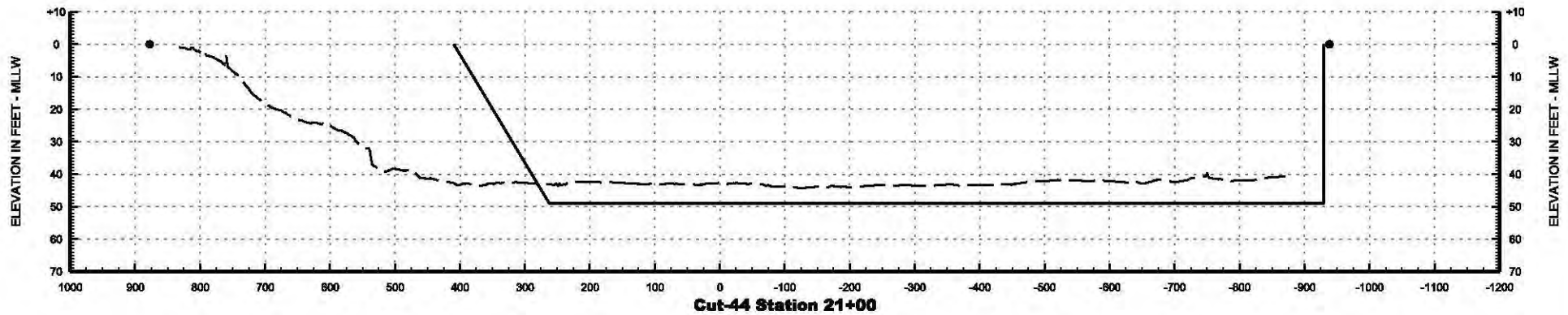
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MARCH 2013

JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-44 STATION 18+00 TO 20+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE  
— — — EXISTING GROUND  
— — — DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

218



US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

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DATED:  
MARCH 2013

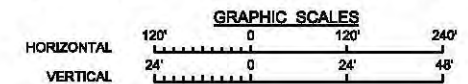
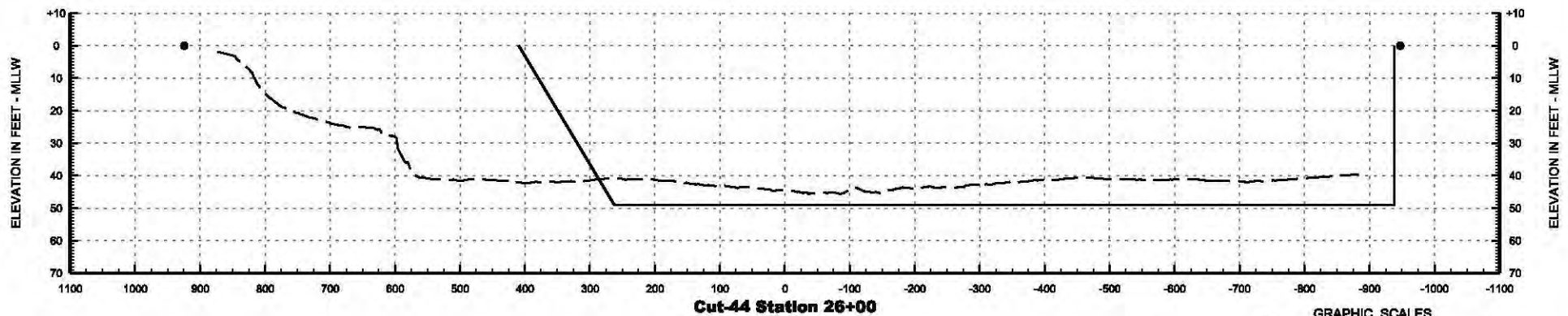
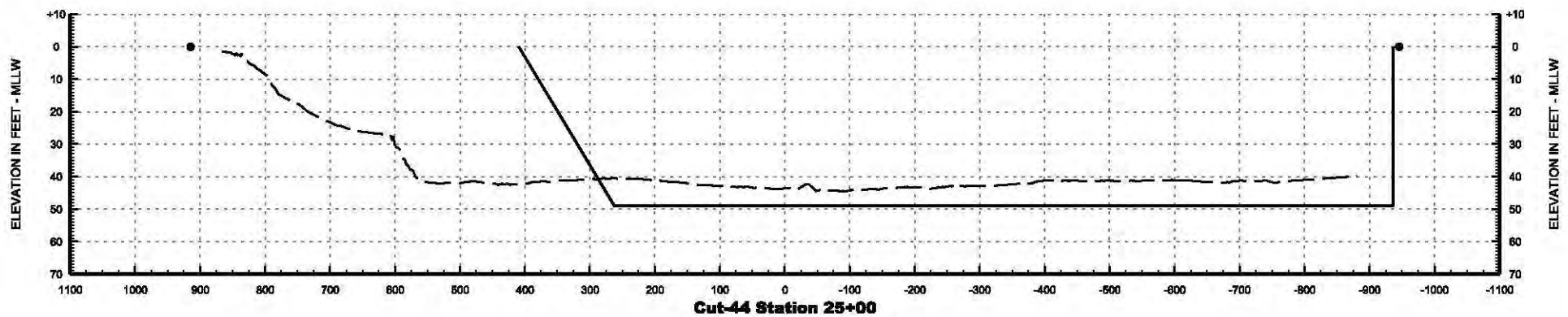
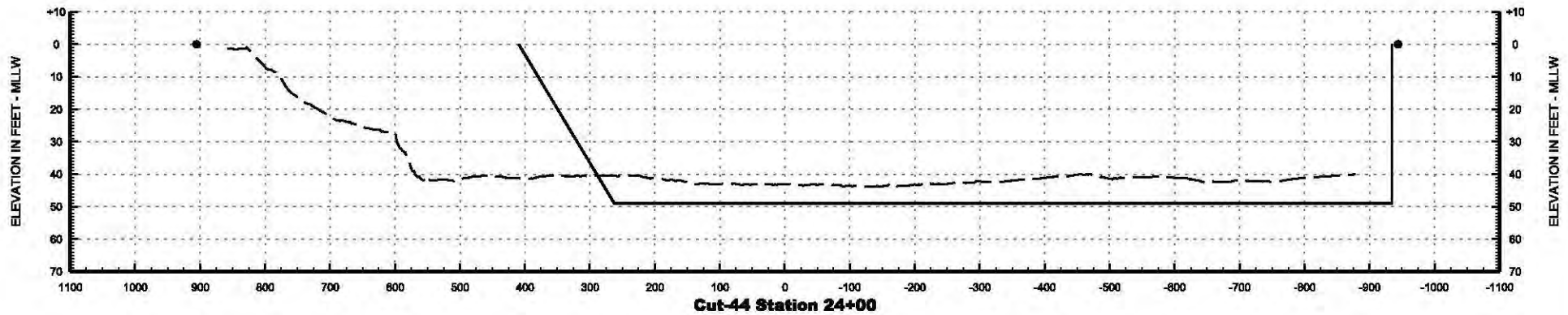
JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-44 STATION 21+00 TO 23+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE  
— EXISTING GROUND  
— DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

219





US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

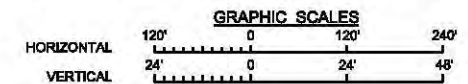
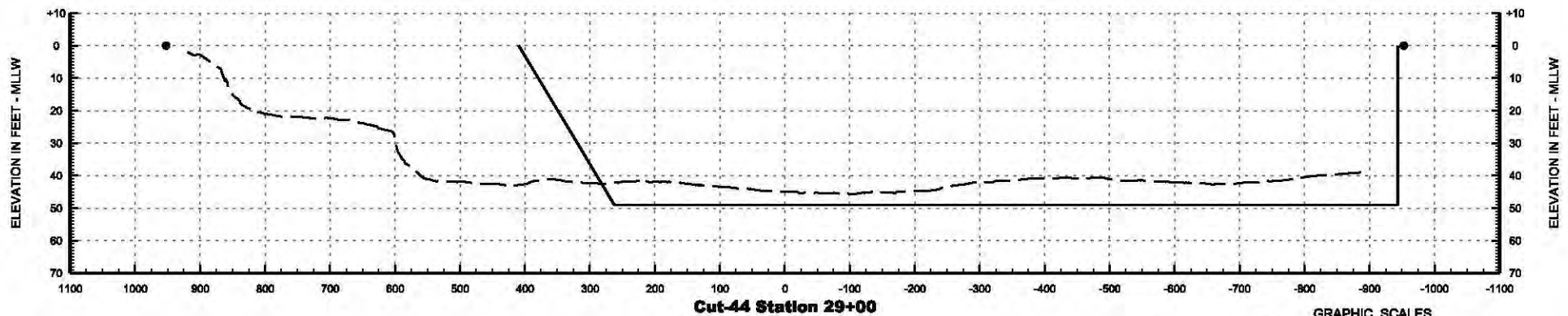
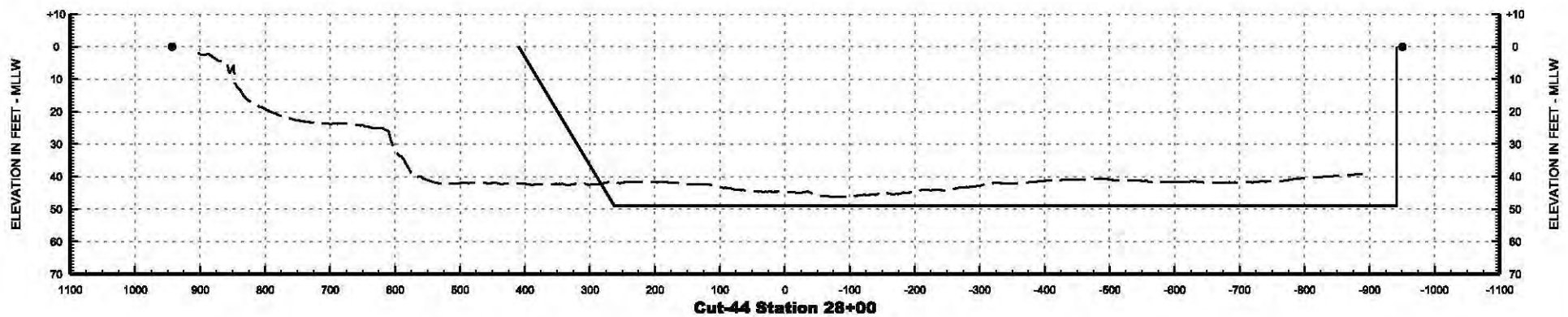
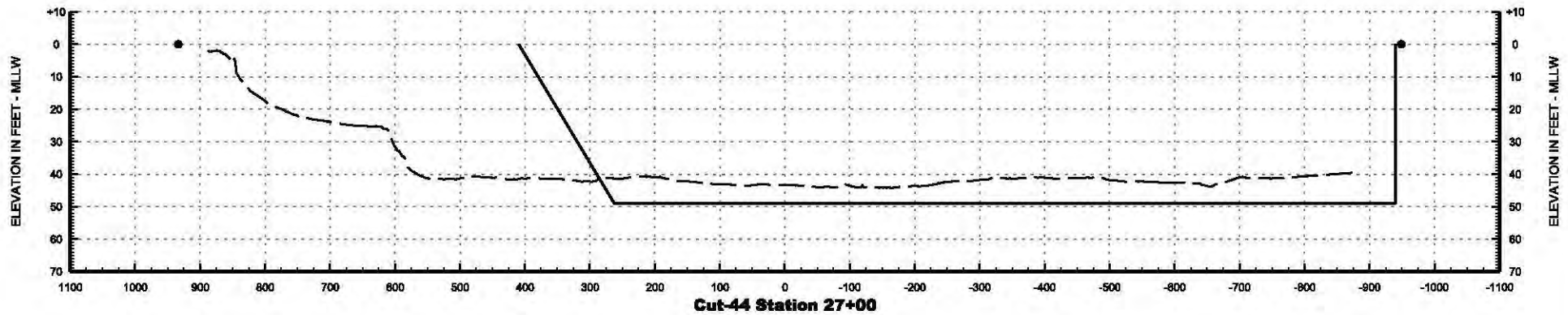
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DATED:  
MARCH 2013

JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-44 STATION 24+00 TO 26+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE  
— EXISTING GROUND  
— DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

220



US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

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DATED:  
MARCH 2013

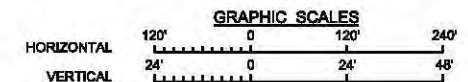
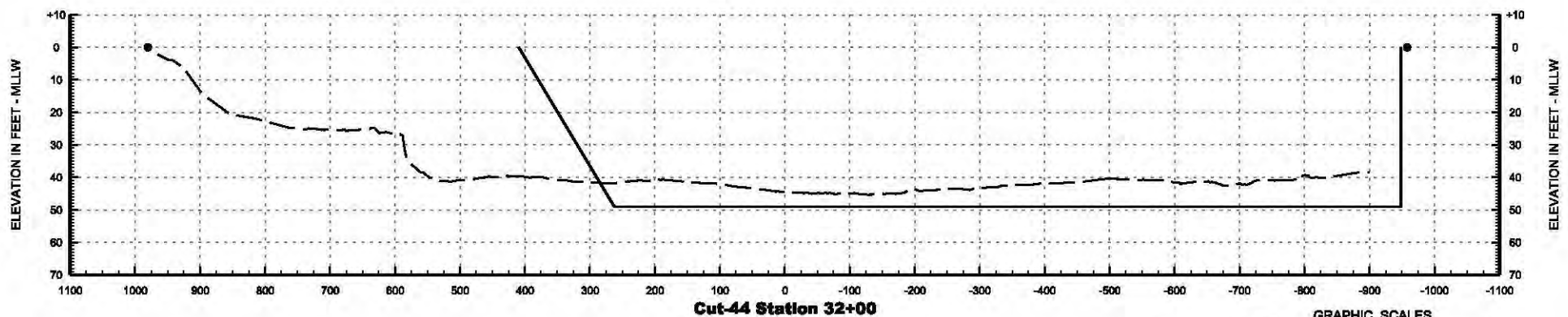
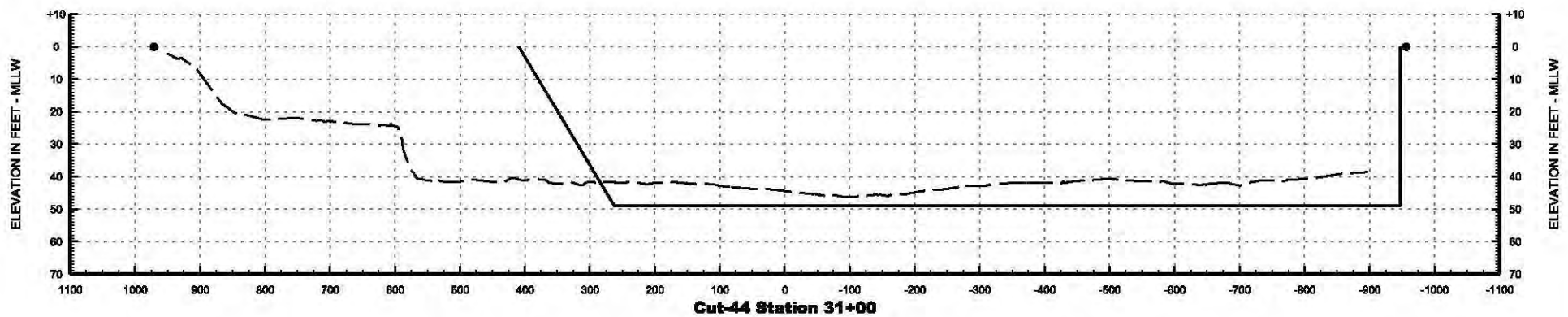
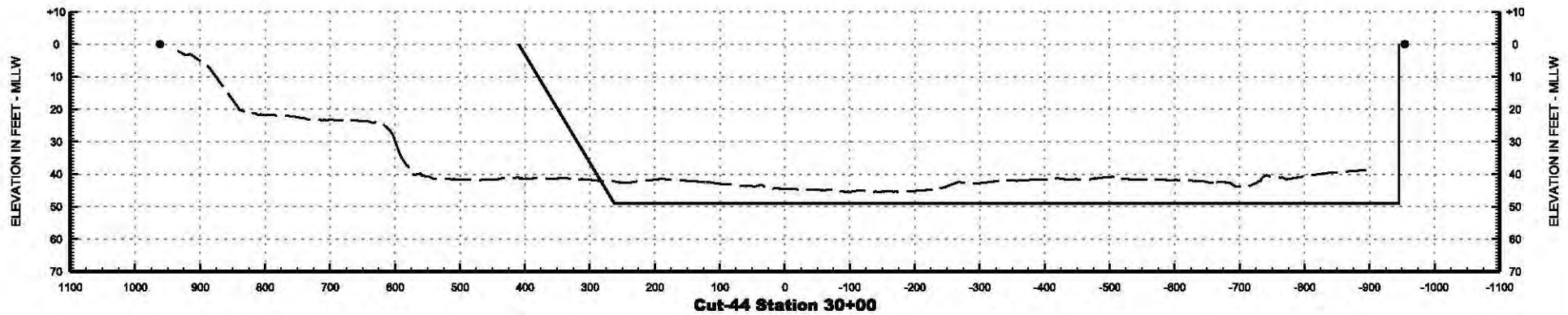
JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-44 STATION 27+00 TO 29+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE  
— EXISTING GROUND  
— DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

221





US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

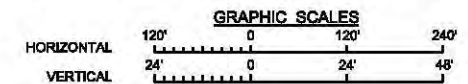
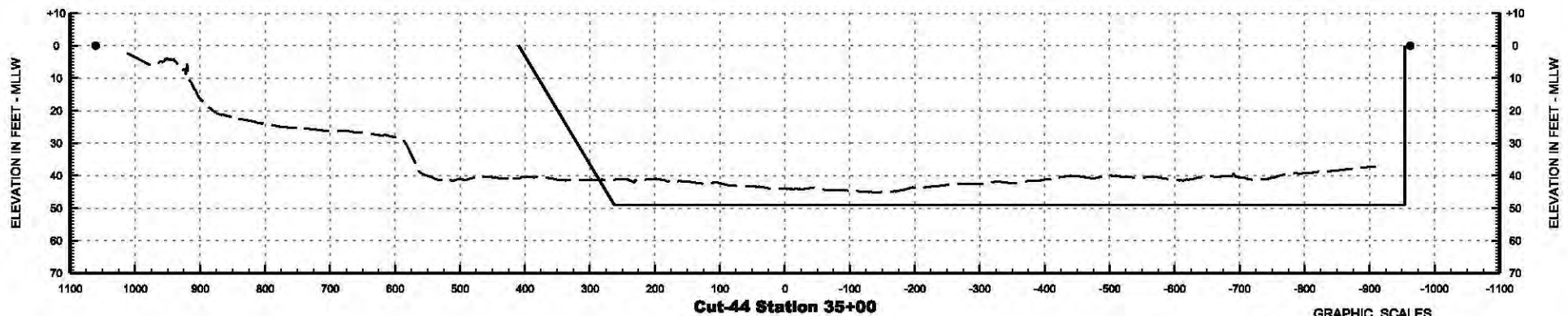
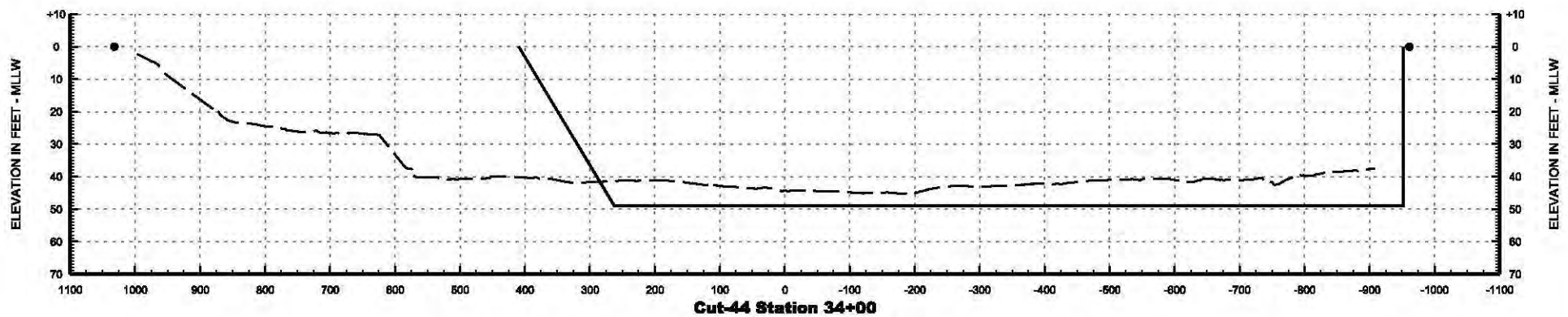
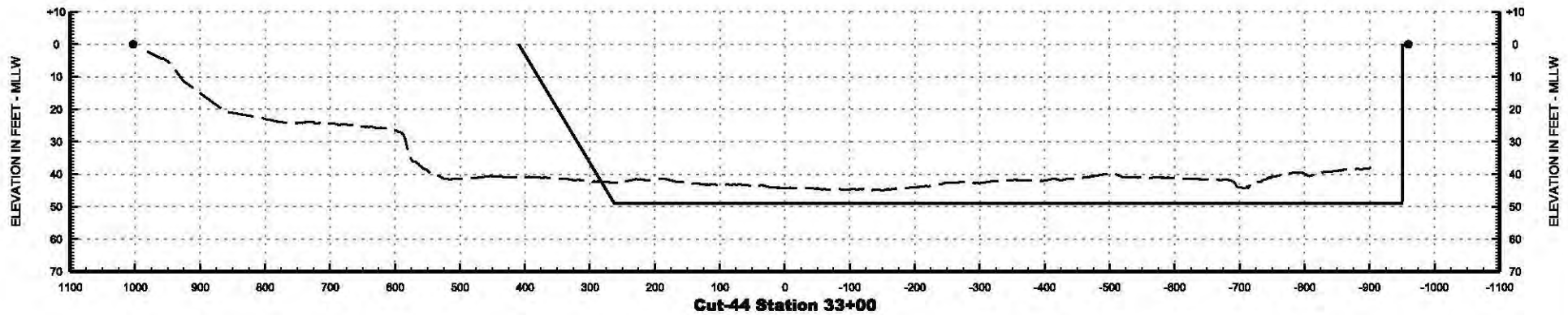
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DATED:  
MARCH 2013

JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-44 STATION 30+00 TO 32+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE  
— EXISTING GROUND  
— DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

222



US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

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MARCH 2013

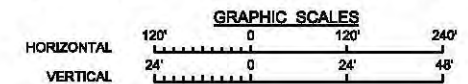
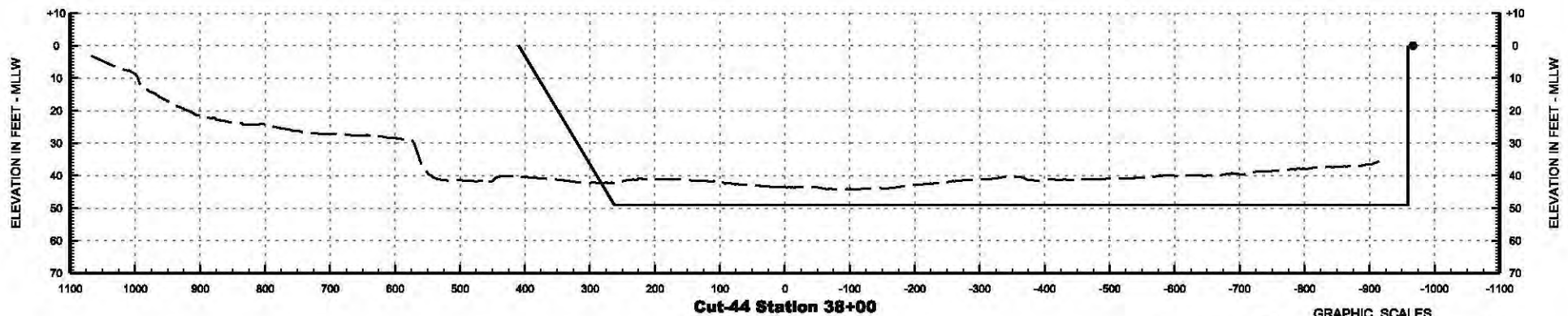
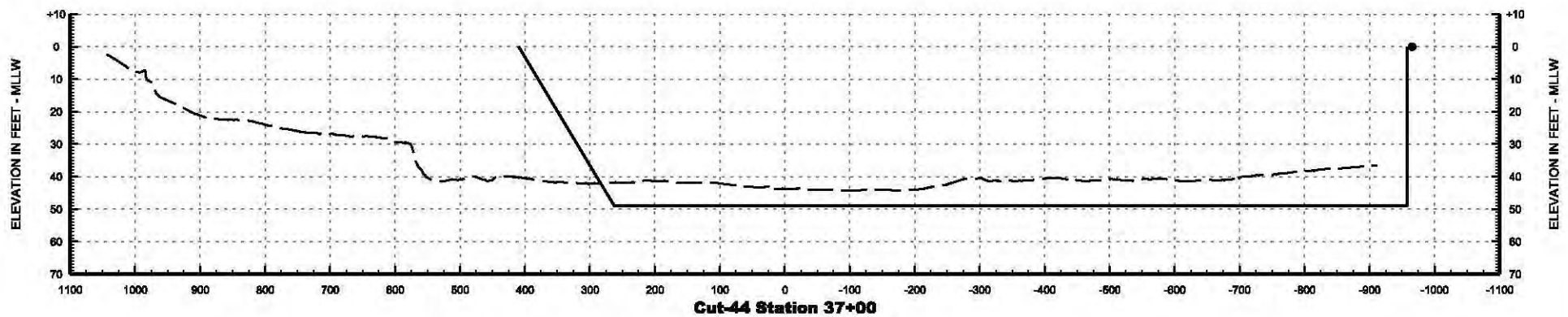
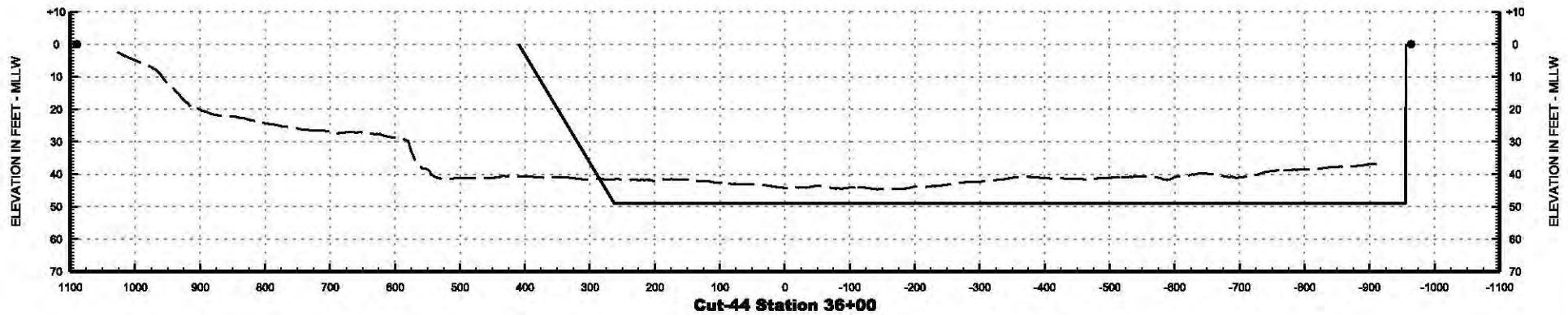
JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-44 STATION 33+00 TO 35+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE  
— EXISTING GROUND  
— DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

223





US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

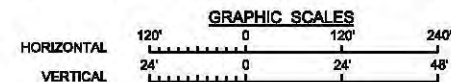
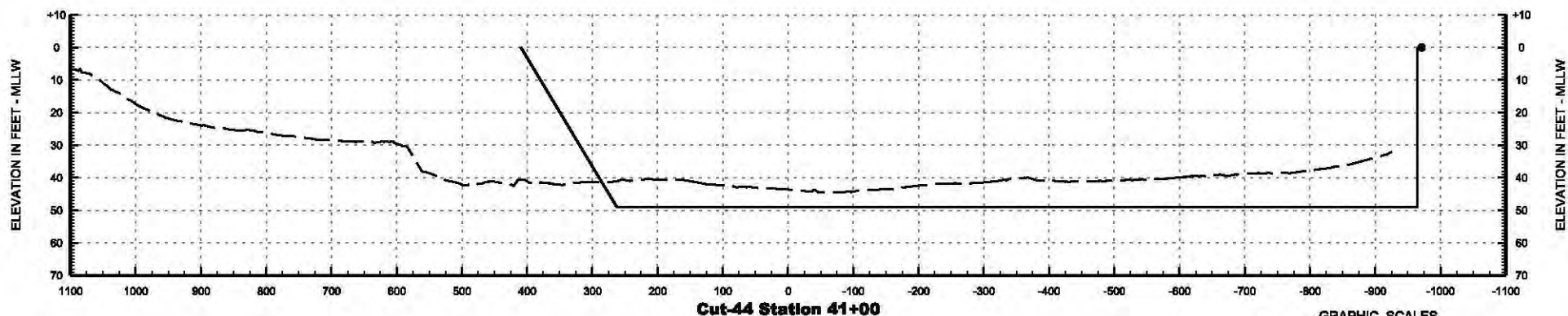
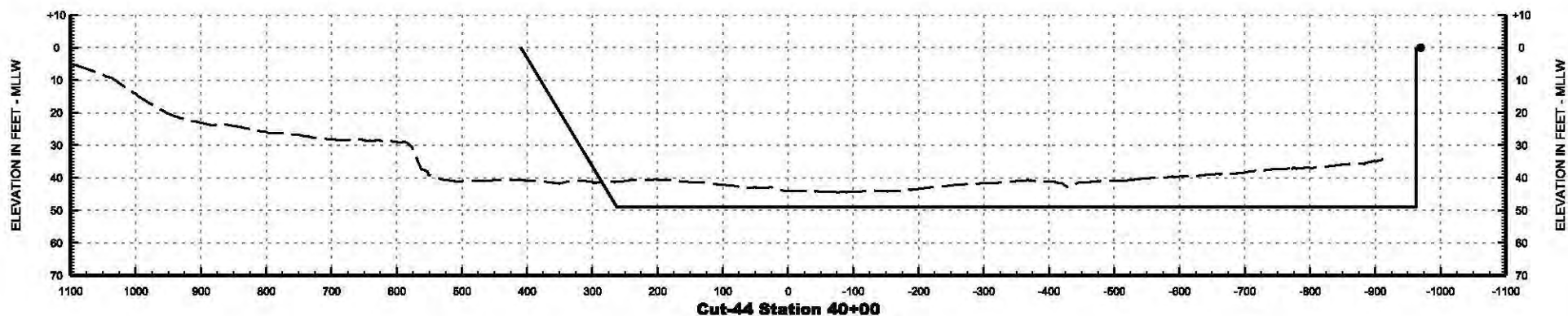
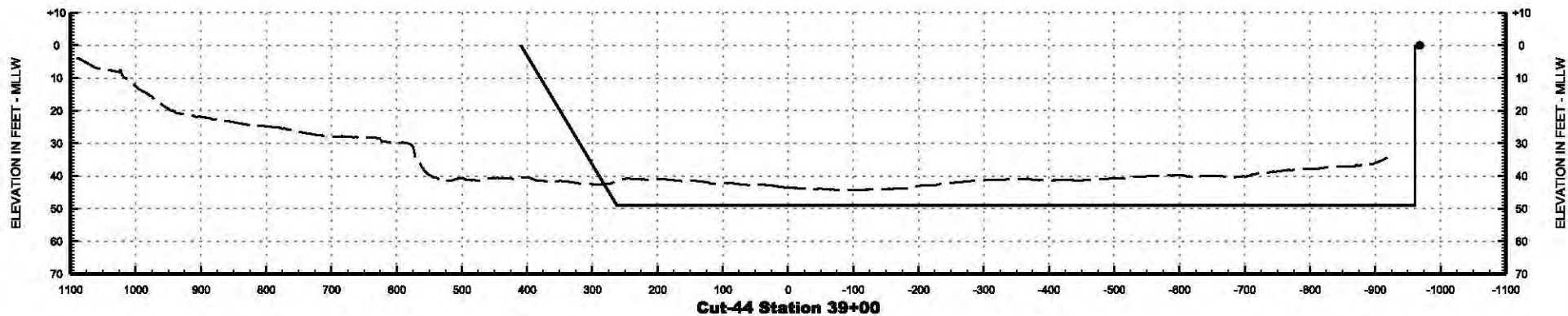
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MARCH 2013

JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-44 STATION 36+00 TO 38+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE  
— — — EXISTING GROUND  
— — — DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

224



US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

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MARCH 2013

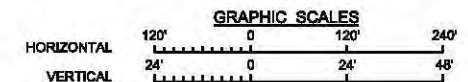
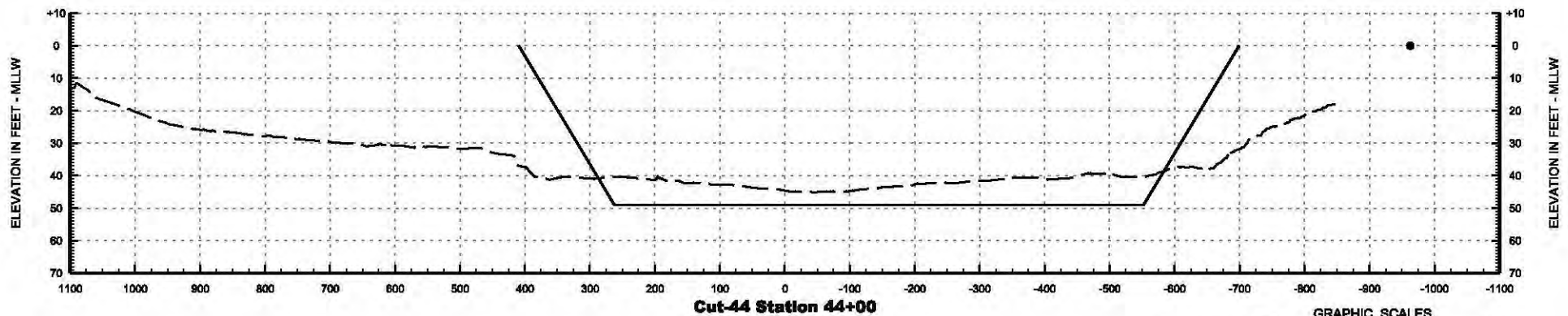
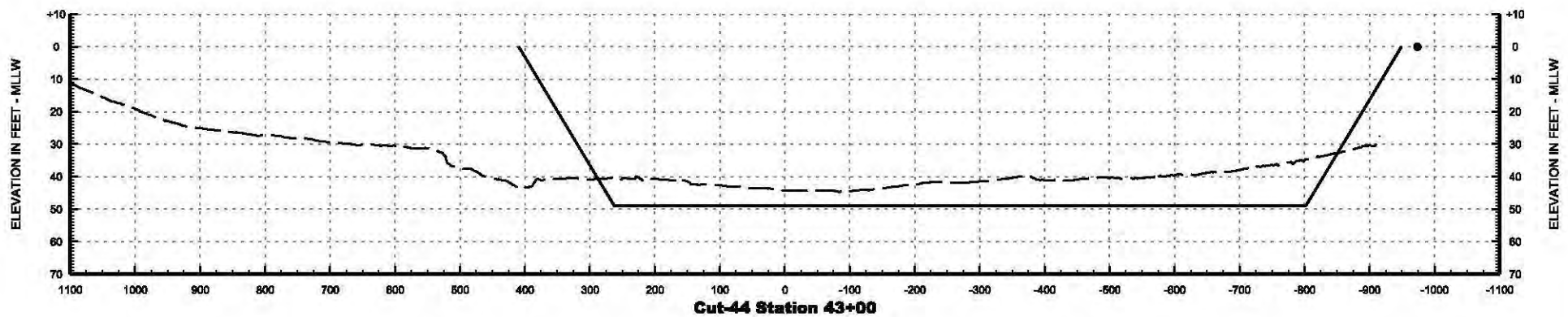
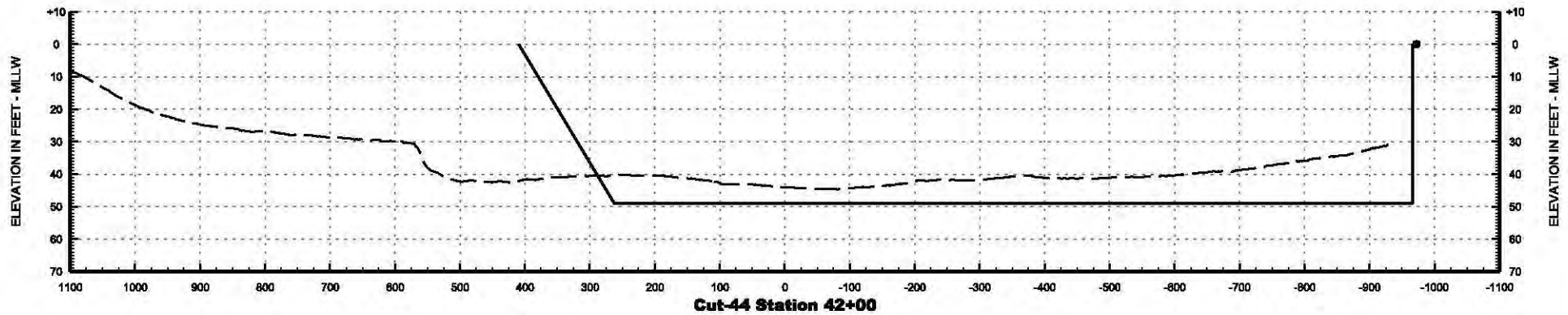
JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-44 STATION 39+00 TO 41+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

● APPROXIMATE SHORELINE  
— — — EXISTING GROUND  
— — — DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

225





US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

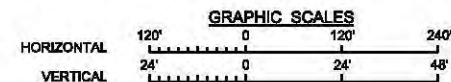
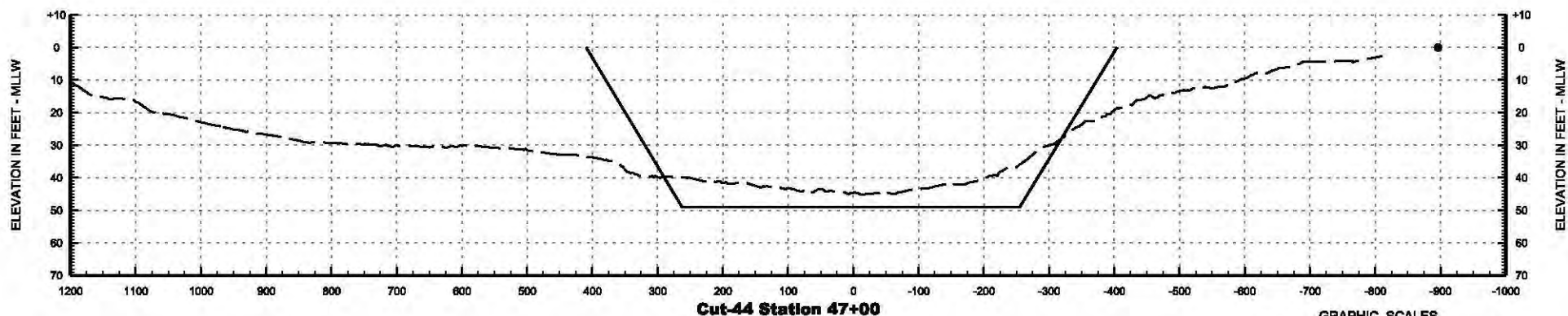
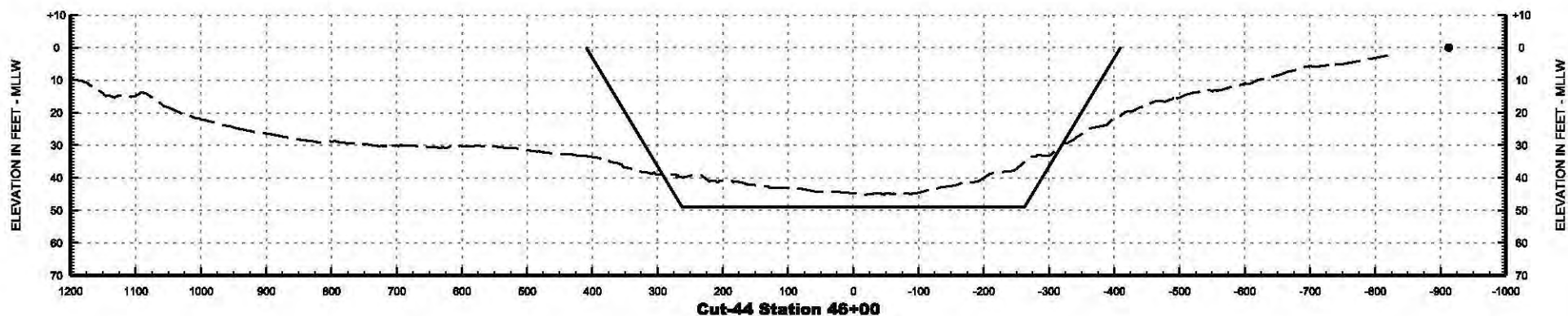
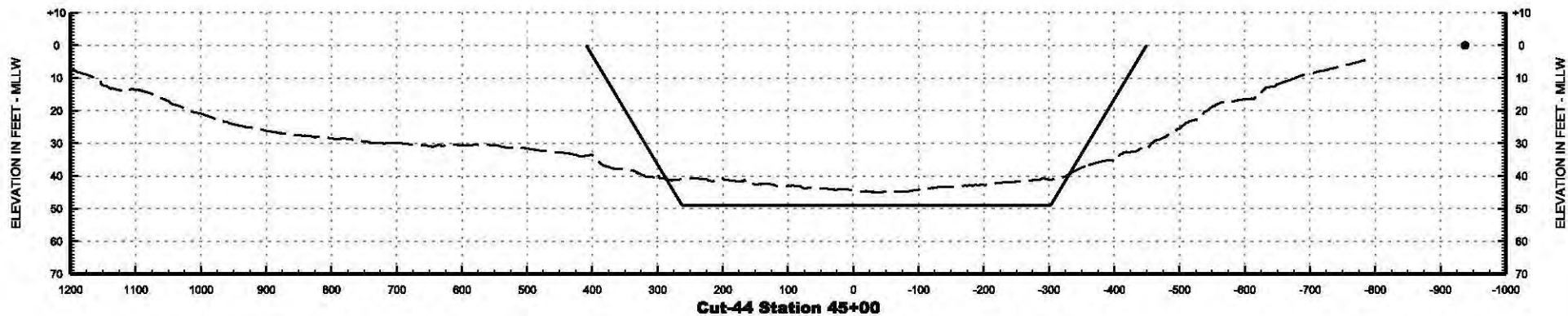
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MARCH 2013

JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-44 STATION 42+00 TO 44+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE  
— EXISTING GROUND  
— DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

226



US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

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DATED:  
MARCH 2013

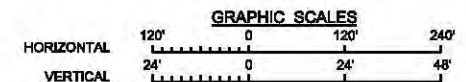
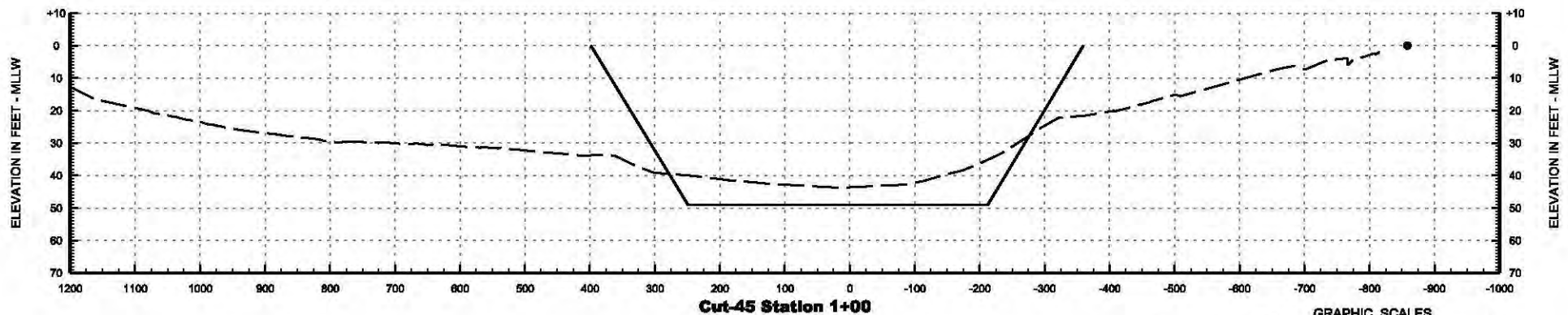
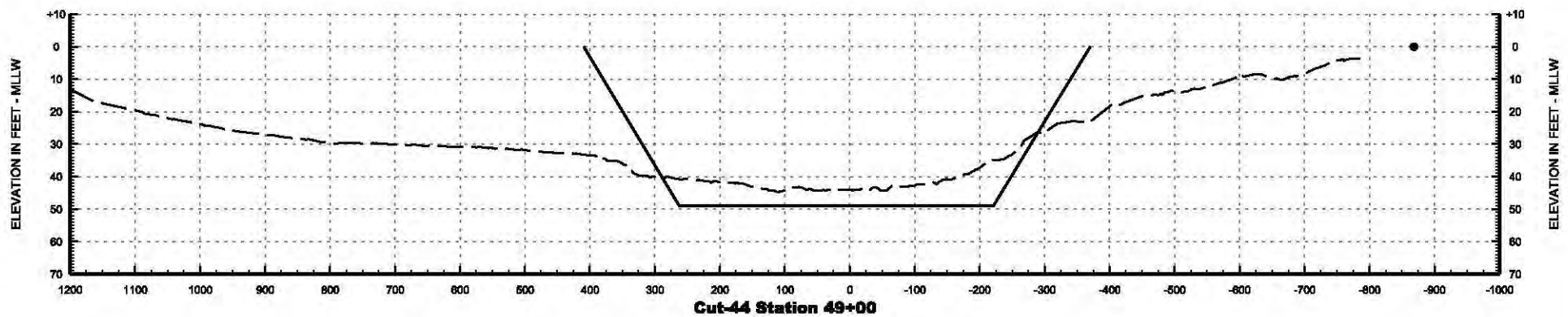
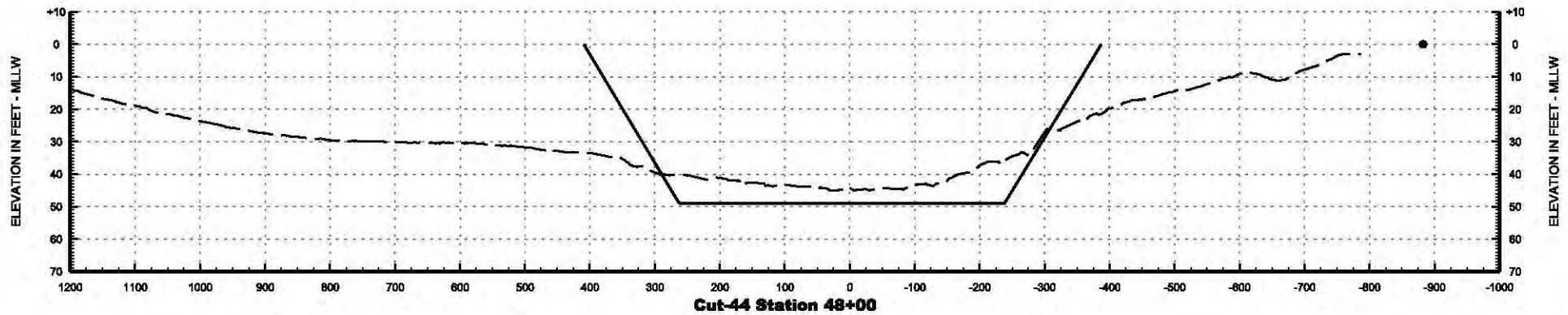
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DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-44 STATION 45+00 TO 47+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

● APPROXIMATE SHORELINE  
— — — EXISTING GROUND  
— — — DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

227





US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

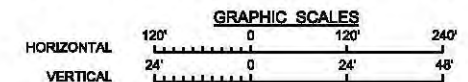
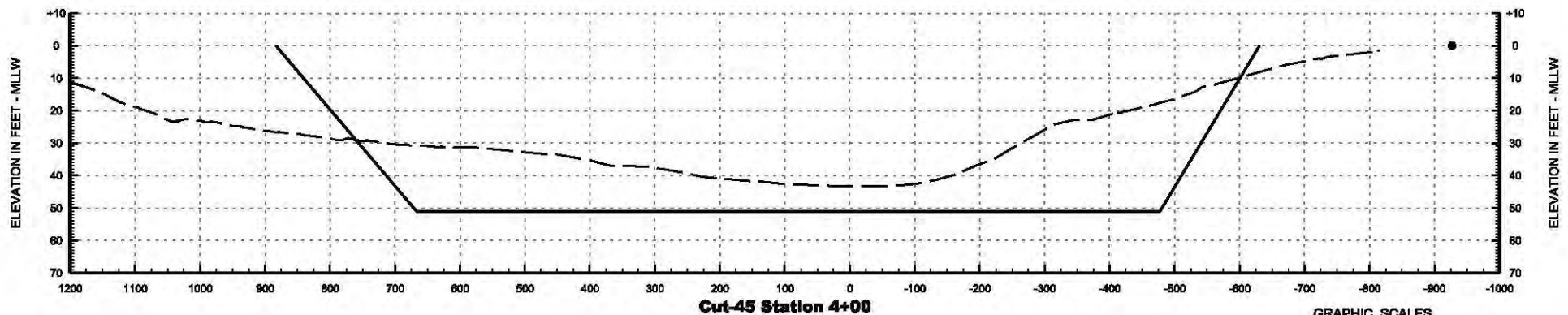
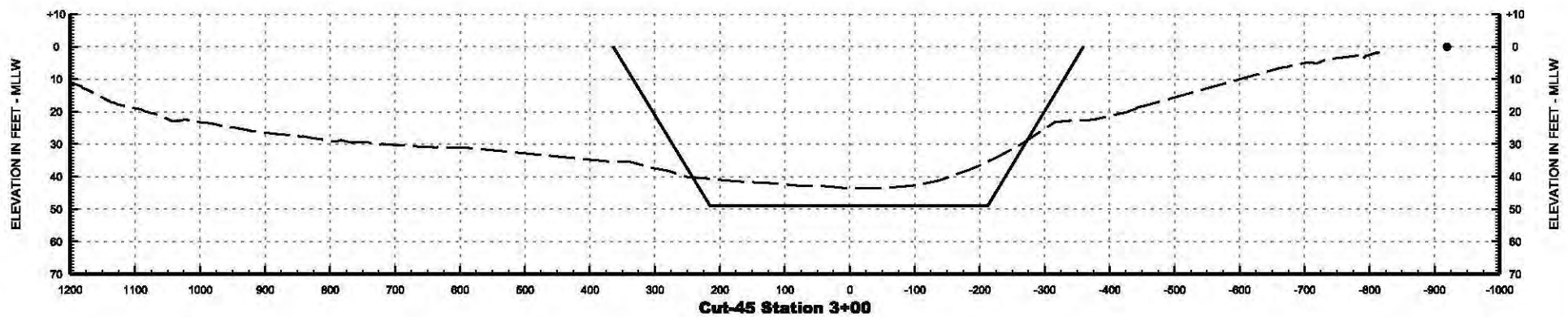
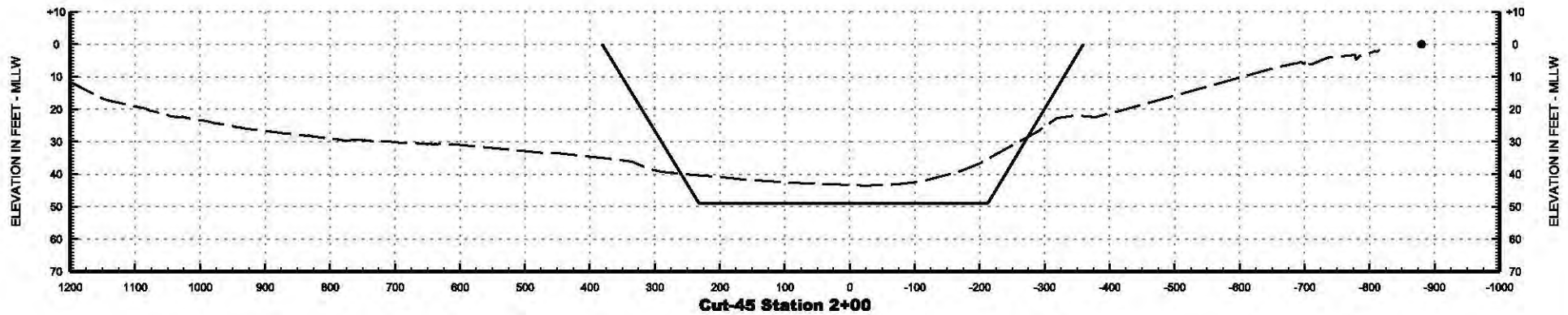
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MARCH 2013

JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-44 STATION 48+00 TO CUT-45 STATION 1+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE  
— — — EXISTING GROUND  
— — — DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

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• APPROXIMATE SHORELINE  
 --- EXISTING GROUND  
 --- DREDGE TEMPLATE

NOTE: SHORELINE FALLS OUTSIDE LIMITS OF SECTION ON SECTIONS WHERE APPROXIMATE SHORELINE SYMBOL IS NOT SHOWN.



US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
 JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
 JACKSONVILLE, FLORIDA

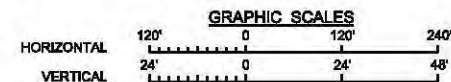
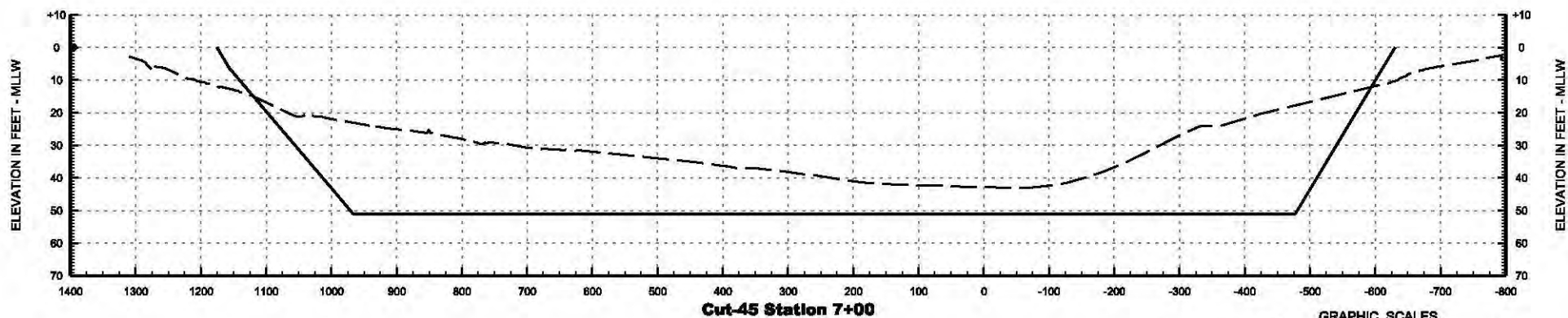
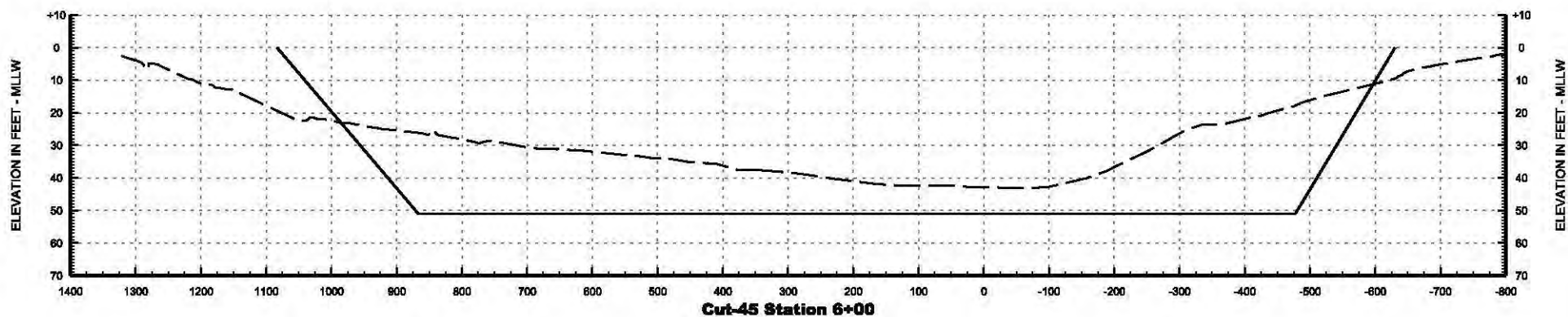
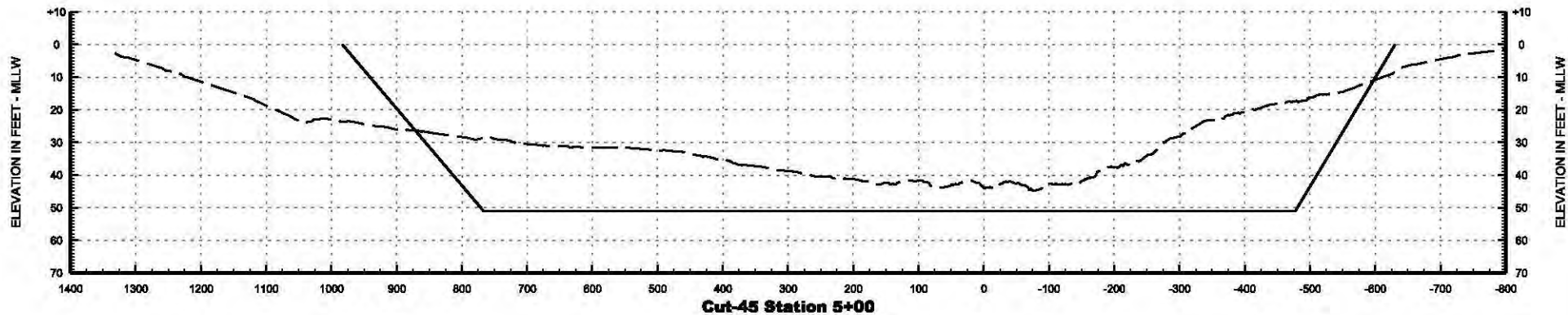
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MARCH 2013

JACKSONVILLE HARBOR NAVIGATION PROJECT  
 DUVAL COUNTY, FLORIDA  
 DREDGING CROSS SECTIONS  
 CUT-45 STATION 2+00 TO 4+00  
 GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

FIGURE

229





US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

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DATED:  
MARCH 2013

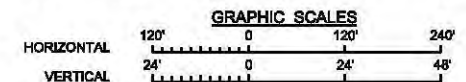
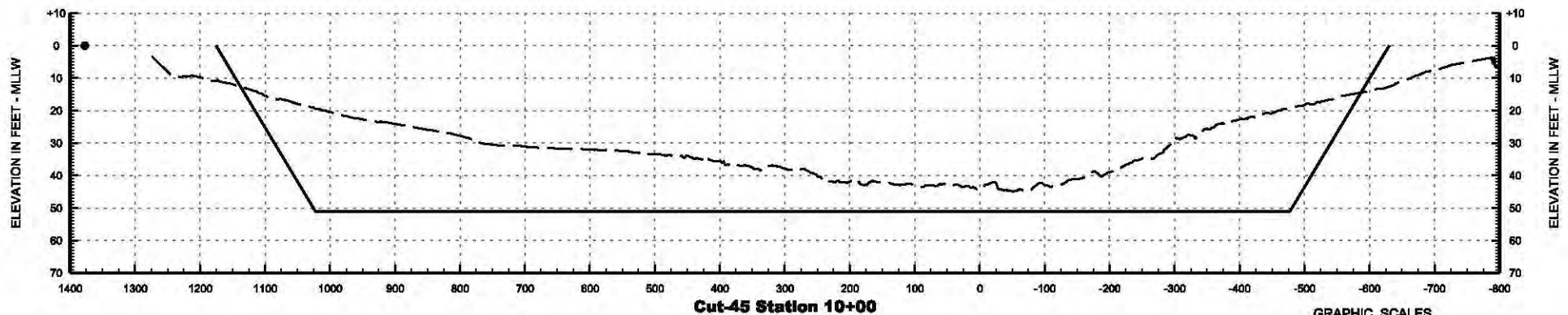
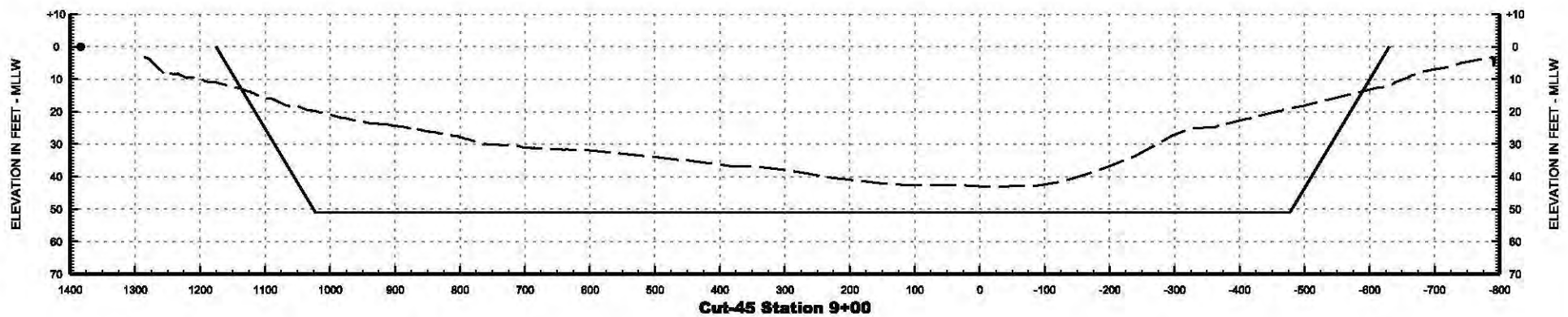
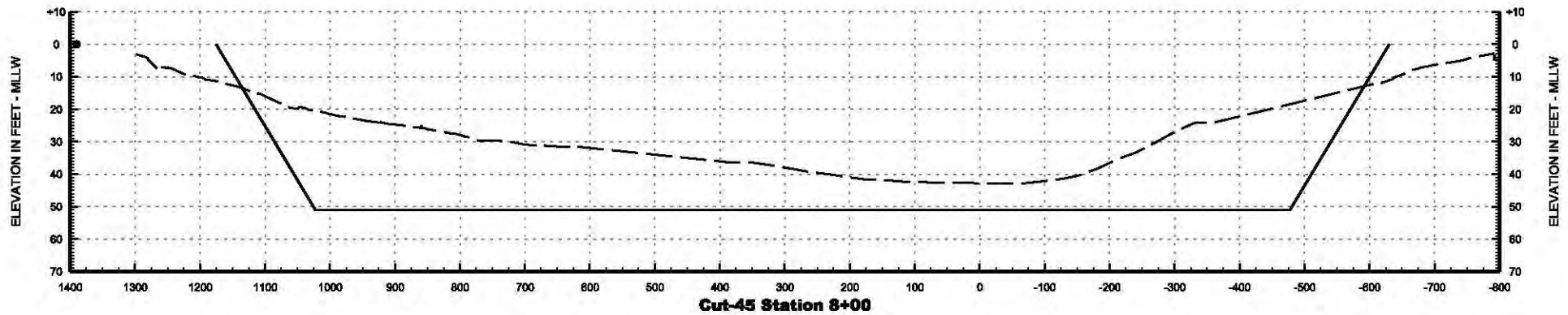
JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-45 STATION 5+00 TO 7+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE  
— EXISTING GROUND  
— DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

230





US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

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DATED:  
MARCH 2013

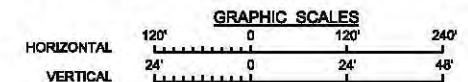
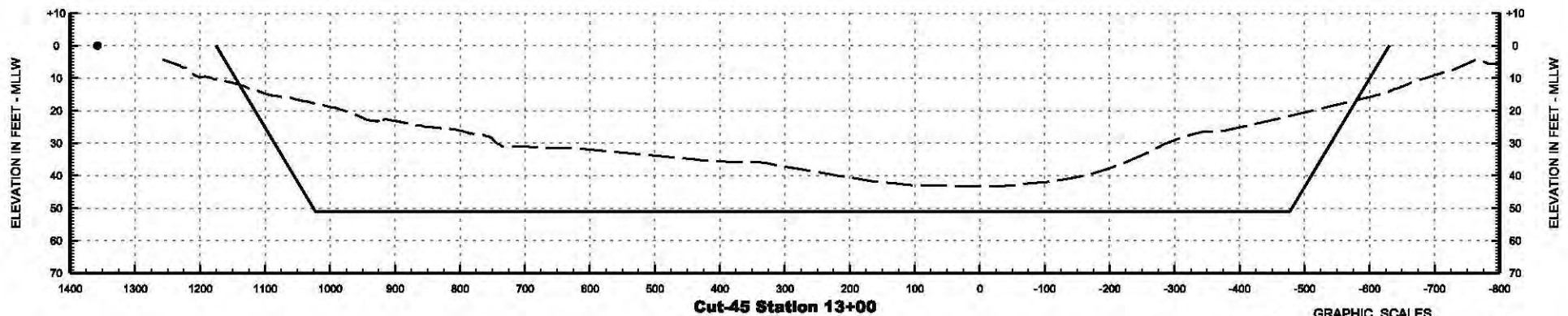
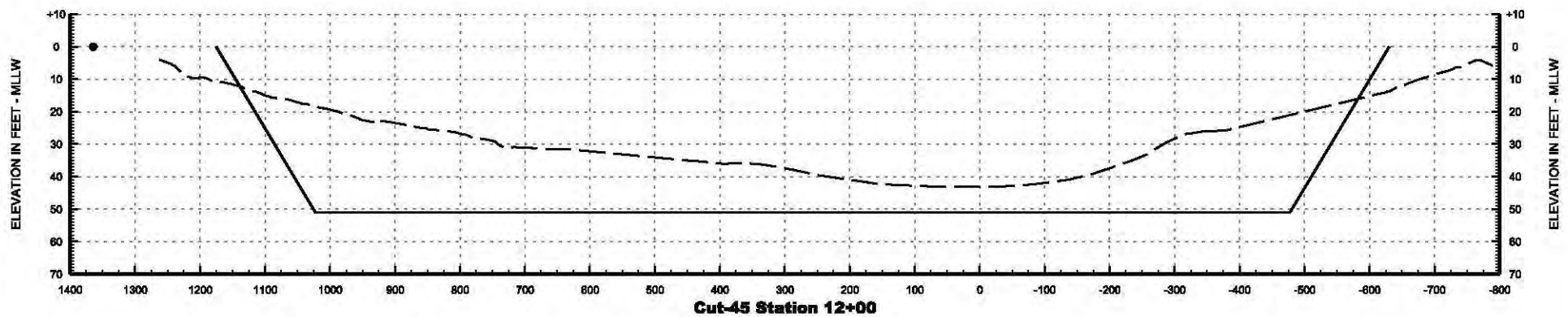
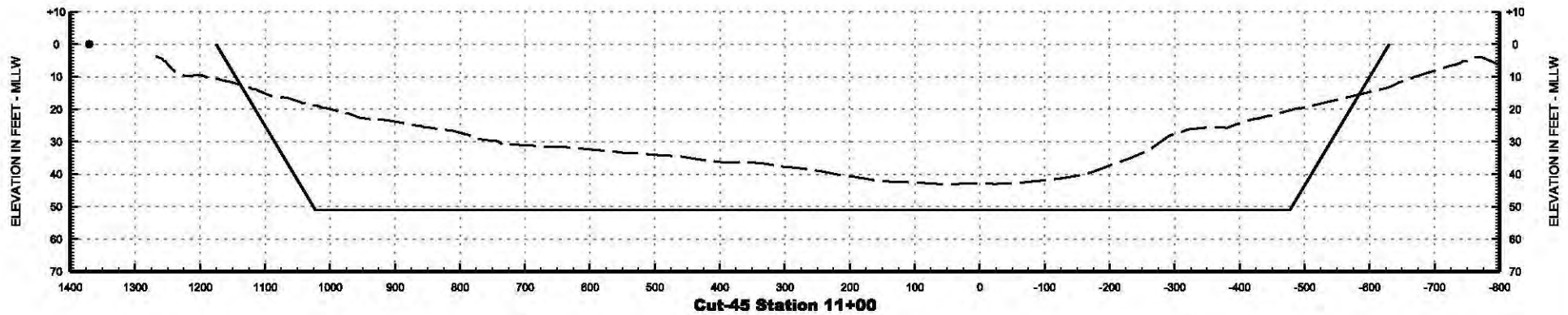
JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-45 STATION 8+00 TO 10+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE  
— EXISTING GROUND  
— DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

231





US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

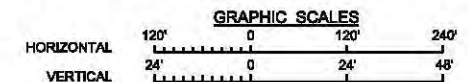
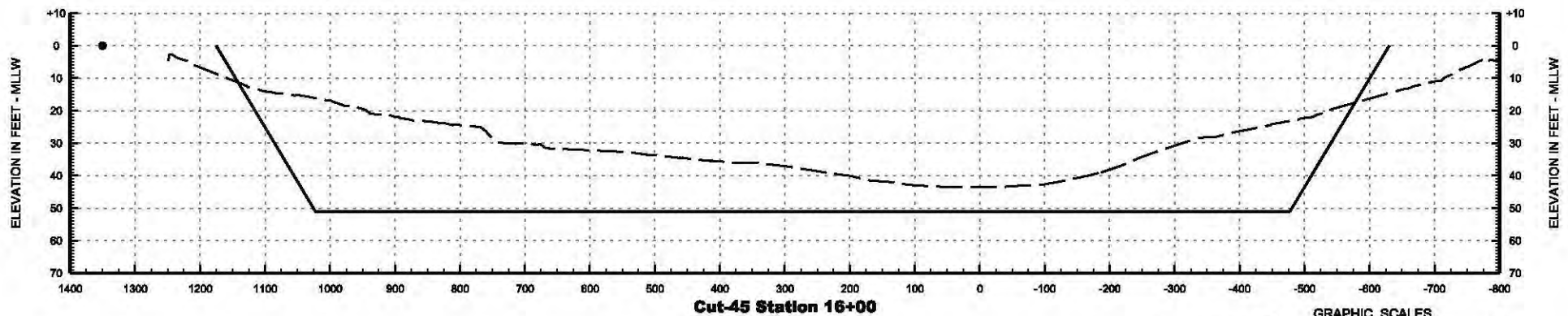
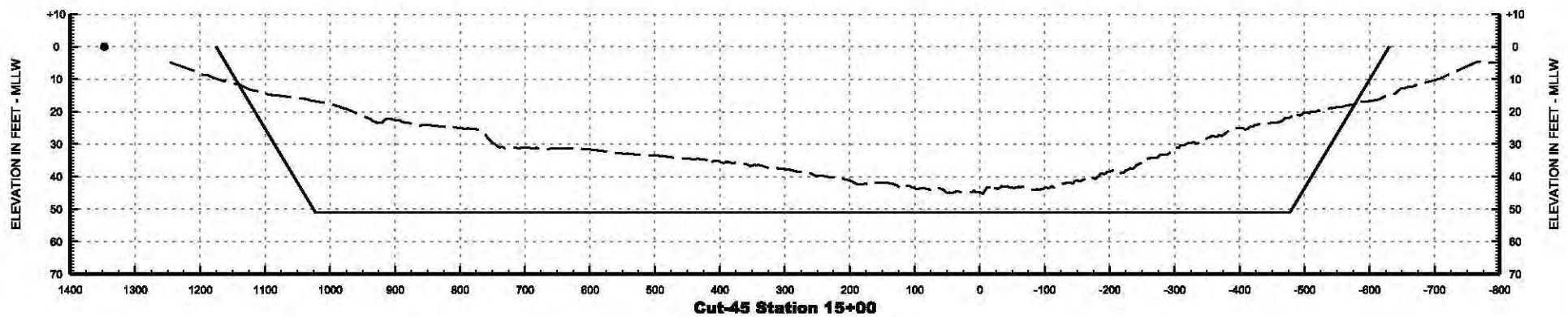
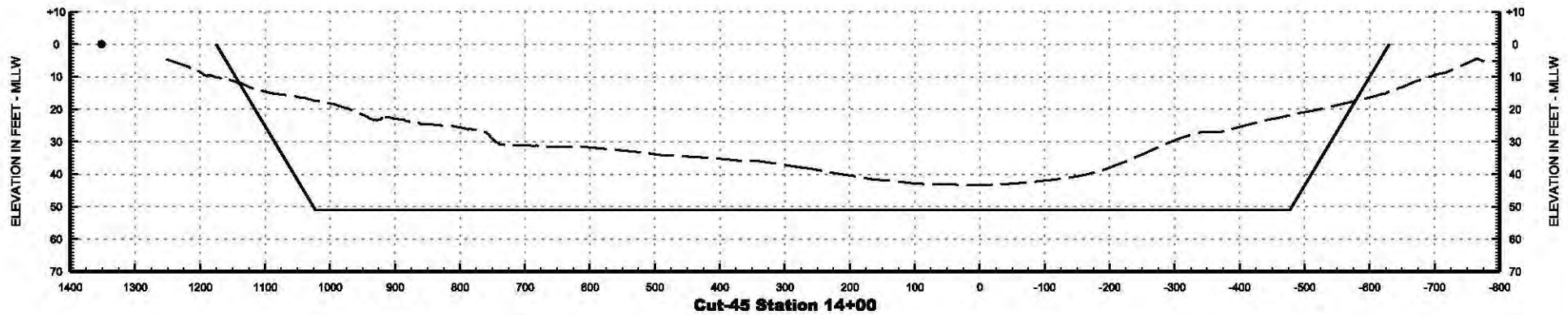
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MARCH 2013

JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-45 STATION 11+00 TO 13+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE  
— — — EXISTING GROUND  
— — — DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

232



US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

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MARCH 2013

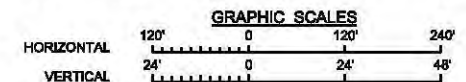
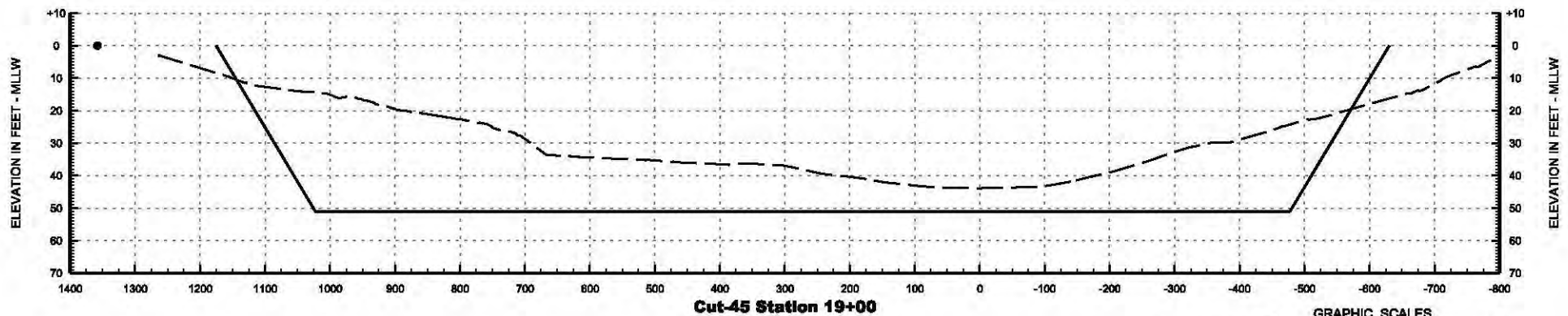
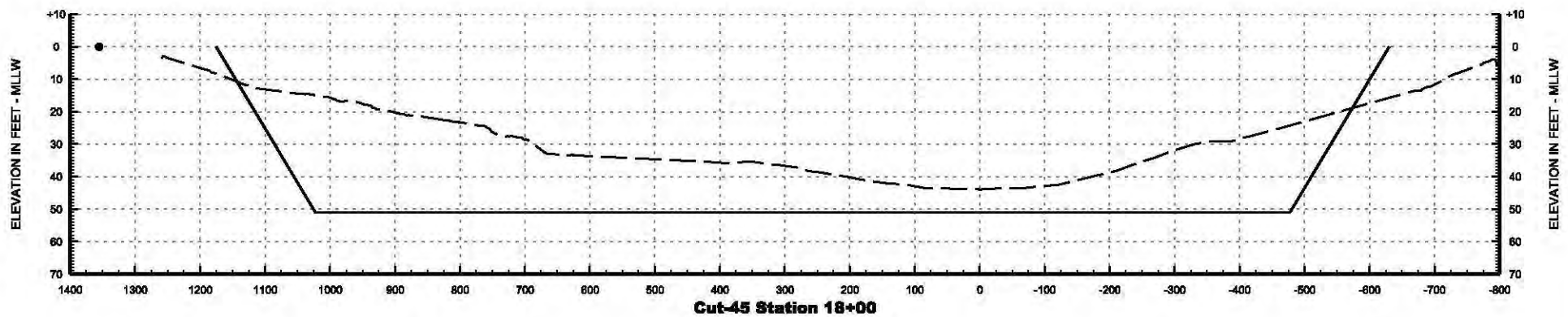
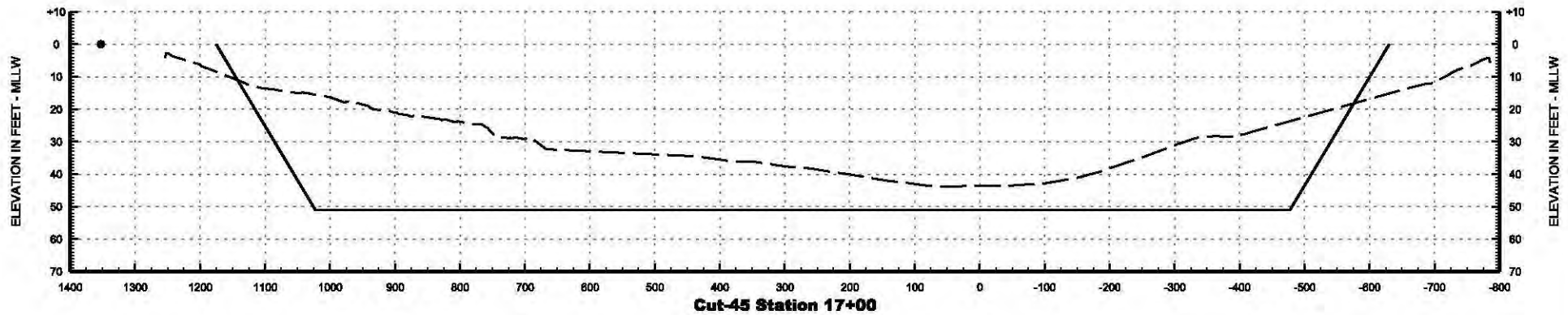
JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-45 STATION 14+00 TO 16+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE  
— — — EXISTING GROUND  
— — — DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

233





US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

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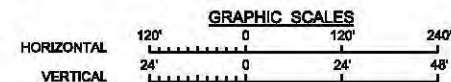
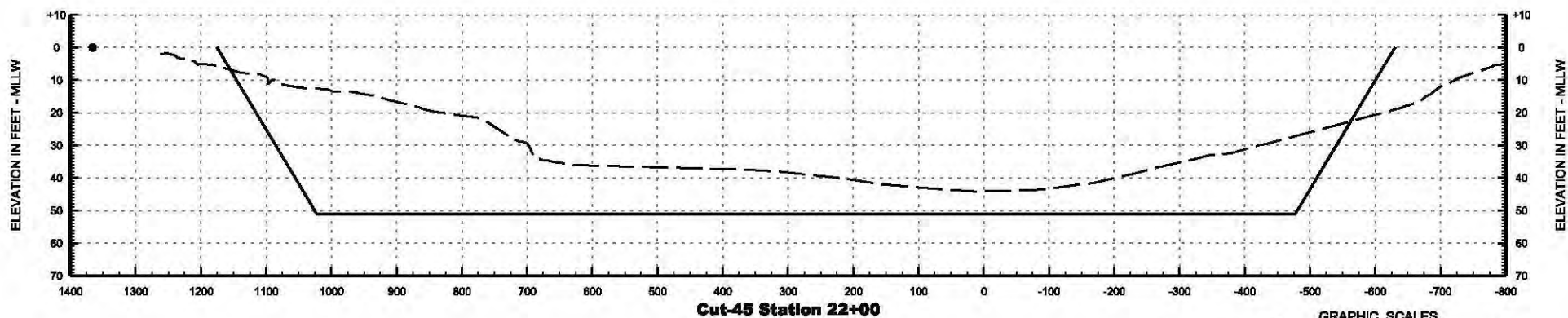
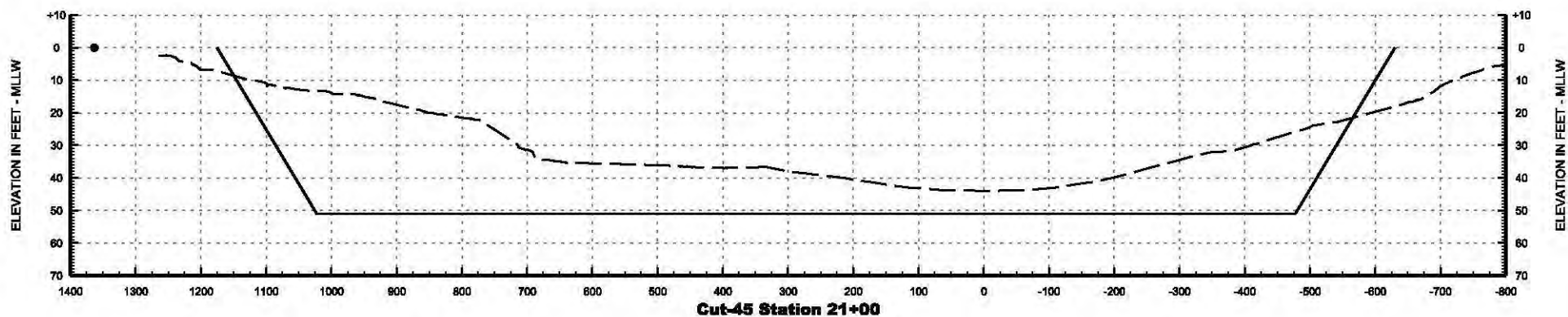
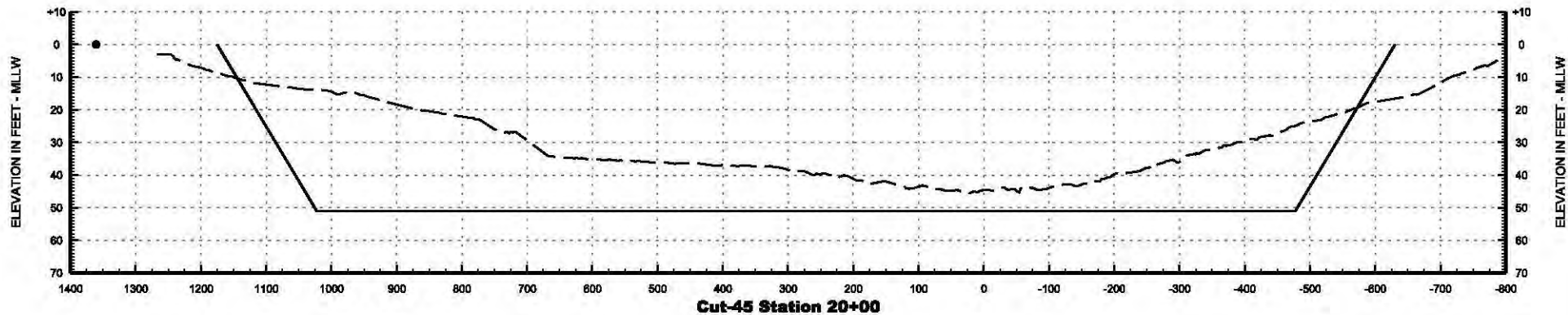
JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-45 STATION 17+00 TO 19+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

● APPROXIMATE SHORELINE  
--- EXISTING GROUND  
— DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

234





US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

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DATED:  
MARCH 2013

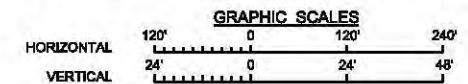
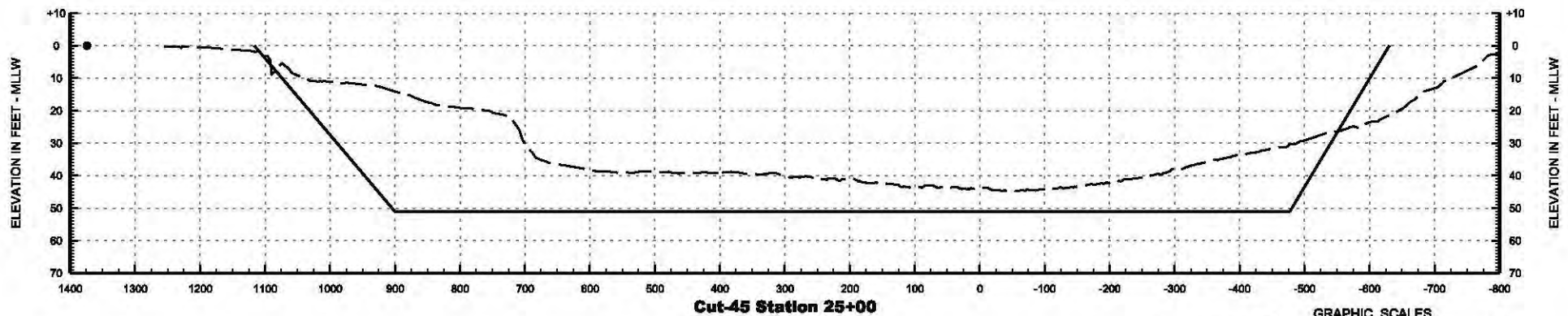
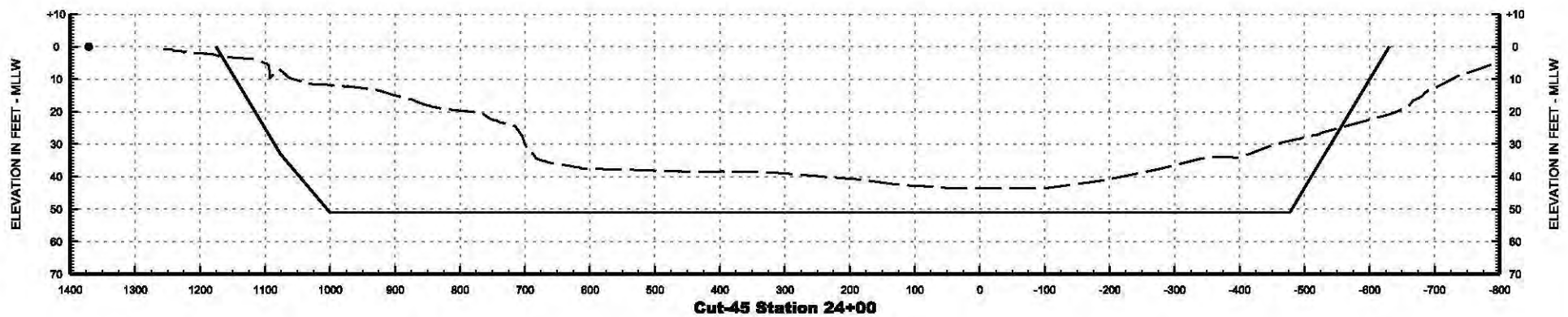
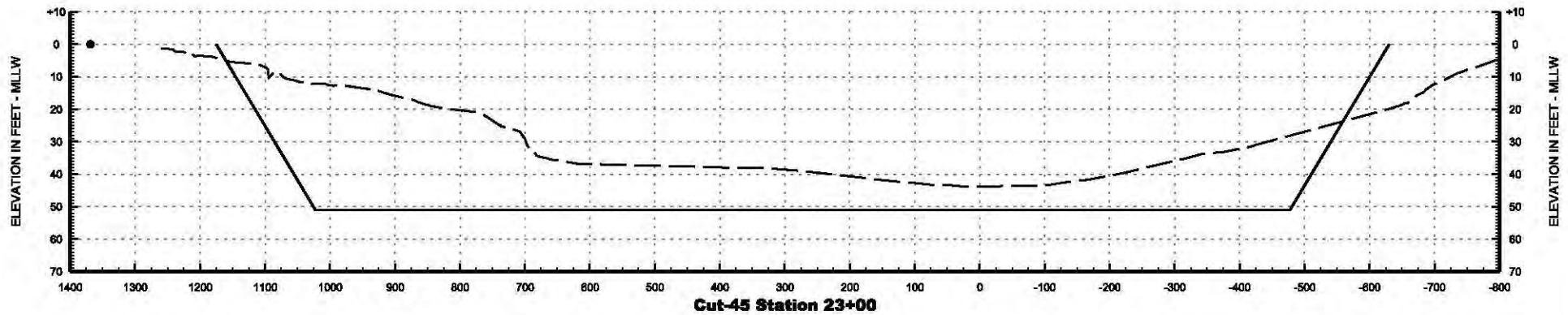
JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-45 STATION 20+00 TO 22+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

● APPROXIMATE SHORELINE  
— — — EXISTING GROUND  
— — — DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

235





US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

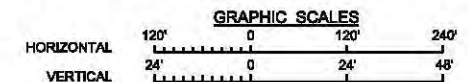
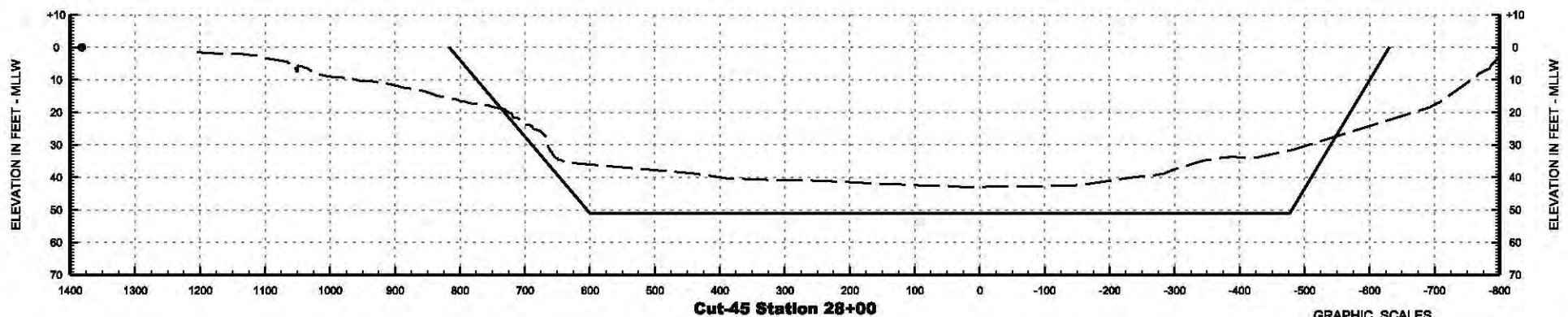
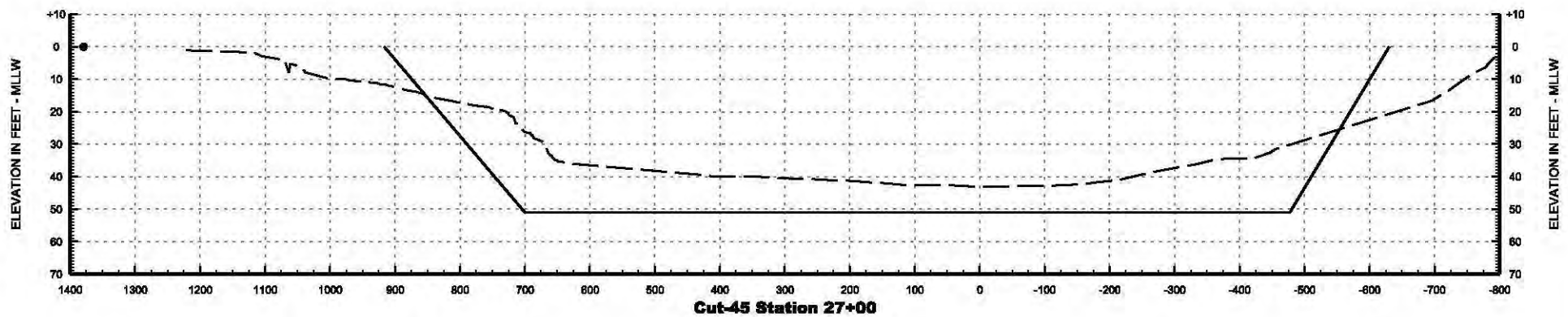
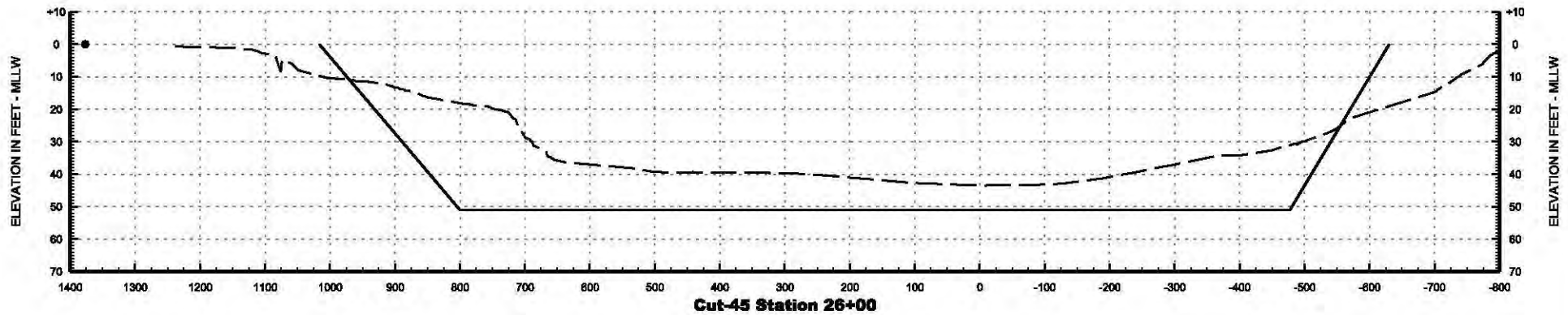
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MARCH 2013

JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-45 STATION 23+00 TO 25+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE  
— EXISTING GROUND  
— DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

236



US Army Corps  
of Engineers  
Jacksonville District

**DEPARTMENT OF THE ARMY**  
JACKSONVILLE DISTRICT, CORPS OF ENGINEERS  
JACKSONVILLE, FLORIDA

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JACKSONVILLE HARBOR NAVIGATION PROJECT  
DUVAL COUNTY, FLORIDA  
DREDGING CROSS SECTIONS  
CUT-45 STATION 26+00 TO 28+00  
GENERAL REEVALUATION REPORT II - ENGINEERING APPENDIX

• APPROXIMATE SHORELINE  
— — — EXISTING GROUND  
— — — DREDGE TEMPLATE  
NOTE: SHORELINE FALLS OUTSIDE LIMITS OF  
SECTION ON SECTIONS WHERE APPROXIMATE  
SHORELINE SYMBOL IS NOT SHOWN.

FIGURE

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